

## Ships Bag for MB/L 721376179

|                                                          |           |
|----------------------------------------------------------|-----------|
| <b>Container: MRKU6424627</b>                            | <b>1</b>  |
| <b>SACO RG41195993 58506054.pdf</b>                      | <b>1</b>  |
| <b>MEXICO PL SHEET MRKU6424627.pdf</b>                   | <b>2</b>  |
| <b>document.pdf</b>                                      | <b>3</b>  |
| <b>01844 MANIFEST 0945432.pdf</b>                        | <b>8</b>  |
| <b>HB/L: 27746372</b>                                    | <b>13</b> |
| TYP: Dangerous Goods Declaration . . . . .               | 13        |
| VER283376 DGD 37.pdf . . . . .                           | 13        |
| TYP: Externes B/L . . . . .                              | 15        |
| VER283376 HBL 95.pdf . . . . .                           | 15        |
| TYP: MSDS . . . . .                                      | 17        |
| VER283376 MSD 74.pdf . . . . .                           | 17        |
| VER283376 MSD 75.pdf . . . . .                           | 35        |
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| 'VER283383 DGD 1.pdf' . . . . .                          | 47        |
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| VER283383 HBL 32.pdf . . . . .                           | 48        |
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| 'VER283383 MSDS 1.pdf' . . . . .                         | 49        |
| <b>HB/L: VER283309</b>                                   | <b>56</b> |
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| SACO Shipping Line Ltd. B/L VER283340 VER28334 . . . . . | 79        |
| <b>HB/L: VER283469</b>                                   | <b>80</b> |
| TYP: Dangerous Goods Declaration . . . . .               | 80        |
| 'VER283469 DGD 1.pdf' . . . . .                          | 80        |
| TYP: MSDS . . . . .                                      | 81        |
| 'VER283469 MSDS 1.pdf' . . . . .                         | 81        |

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| TYP: B/L . . . . .                                       | 95         |
| SACO Shipping Line Ltd. B/L VER283469 VER28346 . . . . . | 95         |
| <b>HB/L: VER283498</b>                                   | <b>96</b>  |
| TYP: B/L . . . . .                                       | 96         |
| SACO Shipping Line Ltd. B/L VER283498 VER28349 . . . . . | 96         |
| <b>HB/L: VER283517</b>                                   | <b>97</b>  |
| TYP: Dangerous Goods Declaration . . . . .               | 97         |
| 'VER283606 DGD 1.pdf' . . . . .                          | 97         |
| TYP: MSDS . . . . .                                      | 99         |
| 'VER283606 MSDS 1.pdf' . . . . .                         | 99         |
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| TYP: B/L . . . . .                                       | 126        |
| SACO Shipping Line Ltd. B/L VER283517 VER28351 . . . . . | 126        |
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| <b>HB/L: VER283570</b>                                   | <b>151</b> |
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| TYP: MSDS . . . . .                                      | 152        |
| 'VER283570 MSDS 1.pdf' . . . . .                         | 152        |
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| <b>HB/L: VER283584</b>                                   | <b>222</b> |
| TYP: Dangerous Goods Declaration . . . . .               | 222        |
| 'VER283584 DGD 1.pdf' . . . . .                          | 222        |
| 'VER283584 DGD 2.pdf' . . . . .                          | 223        |
| 'VER283584 DGD 3.pdf' . . . . .                          | 224        |
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| 'VER283584 MSDS 1.pdf' . . . . .                         | 225        |

|                                                          |            |
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| <b>HB/L: VER283588</b>                                   | <b>237</b> |
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| SACO Shipping Line Ltd. B/L VER283588 VER28358 . . . . . | 237        |
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| SACO Shipping Line Ltd. B/L VER283626 VER28362 . . . . . | 238        |
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| SACO Shipping Line Ltd. B/L VER283644 VER28364 . . . . . | 239        |
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| TYP: B/L . . . . .                                       | 240        |
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SACO Shipping GmbH · Postfach 93 06 69 · 21086 Hamburg

**NVOCC Services worldwide**

Hamburg, 10. April 2026

Interteam S.A. de C.V.  
Servicios Int.  
Calle Colima #114 Desp. 201, Colonia Roma,  
06700 C.P.MEXICO D.F  
MX MEXICO

## RECHNUNG/INVOICE EXPORT

YGR / YGR / YGR

**CUSTOMER-Ref.:** PRE-ALERT

Leistungsdatum : 12.04.2026

| INVOICE-No | INVOICE-Date | CUSTOMER-No | SACO-Ref.       | B/L-Ref.      | Your VAT-ID | R.O.E  |
|------------|--------------|-------------|-----------------|---------------|-------------|--------|
| 41195993   | 10.04.2026   | 020896      | 6/04/HAM/163700 | 6/04/HAM/1637 |             | 0.8686 |

**Vessel:**

**Destination:**

**Online-Ref:**

**Delivery:**

| Pieces                                       | Gross KOS | Volumen CBM |
|----------------------------------------------|-----------|-------------|
| 1X40'HC<br>GSL MARIA 614W<br>ETA: 28.04.2026 |           |             |

| Pos. | Description                       | Rate        | Amount  | Tax |
|------|-----------------------------------|-------------|---------|-----|
| 1    | MRKU6424627 DEBIT AS PER PL-SHEET | 1773.76 USD | 1773.76 |     |

| NO VAT ON | VAT ON | TOTAL VAT | VAT | TOTAL AMOUNT USD |
|-----------|--------|-----------|-----|------------------|
| 1773.76   | 0      | 0         | 19% | 1773.76          |

**SACO Shipping GmbH**  
Wollkämmerstraße 1  
21107 Hamburg  
Telefon: +49 40 311706-0  
Telefax: +49 40 311706-100

**Buchhaltung**  
Telefon: +49 421 52016 315  
Telefax: +49 421 52016 317  
VAT-ID: DE-118597456  
account@saco.de

**Volksbank Lüneburger Heide eG  
US Dollar Account**  
BLZ 240 603 00, Kto-Nr. 4 600 360 605  
SWIFT-BIC: GENO DE F1 NBU  
IBAN DE 19 2406 0300 4600 3606 05

**Volksbank Lüneburger Heide eG  
Euro Account**  
BLZ 240 603 00, Kto-Nr. 4 600 360 600  
SWIFT-BIC: GENO DE F1 NBU  
IBAN DE 57 2406 0300 4600 3606 00

**Commerzbank AG  
Euro Account**  
BLZ 200 800 00, Kto-Nr. 6 510 954 00  
SWIFT-BIC: DRES DE FF 200  
IBAN DE 96 2008 0000 0651 0954 00

Internet: <https://sacoshipping.com> · E-Mail: [info@saco.de](mailto:info@saco.de) · Geschäftsführer: Harald Pahl, Andrea Briks, Kevin Pahl, Jannik Pahl, Sönke Briks · Gerichtsstand: Hamburg · Sitz Hamburg · HRB 40128 · Finanzamt: Hamburg-Harburg  
**SACO Shipping GmbH handelt bei Seetransporten einschließlich Vorlauf- und Nachlauftransporten ausschließlich als Agent von SACO Shipping Line Limited, Limassol/Zypern.**  
**SACO Shipping Line Limited Limassol arbeitet ausschließlich nach ihren jeweils gültigen Konnossements-Bedingungen, auch wenn kein Konnossement ausgestellt wurde.**  
**Diese Bedingungen können bei den jeweiligen Büros und/oder unter [sacoshipping.com](https://sacoshipping.com) eingesehen werden.**

amended on: 20.02.2026 by ECH

## Mexico PL-Sheet 2026

valid from March 1st 2026

SACO Ref.: 6/04/HAM/1637 Vessel: GSL Maria 614W Port: Veracruz  
ETA: 28.04.2026 Container: MRKU 642 462-7



| B/L       | COLLECT | incl.Special charges | Doc fee | Unstuffing | Admin Fee | Transm.Fee | Port Transf | On Carriage     | 0,00 USD | Quote No.:   |
|-----------|---------|----------------------|---------|------------|-----------|------------|-------------|-----------------|----------|--------------|
| VER283340 | 175,28  |                      |         |            |           |            |             |                 |          |              |
| VER283522 | 169,72  |                      |         |            |           |            |             |                 |          |              |
| VER283529 | 81,45   |                      |         |            |           |            |             |                 |          |              |
| VER283584 | 257,29  |                      |         |            |           |            |             |                 |          |              |
| VER283588 |         |                      |         |            |           |            |             | Guadalajara CFS | 430,62   | Tariff + 30% |
| VER283626 | 508,42  |                      |         |            |           |            |             |                 |          |              |
| VER283644 | 201,04  |                      |         |            |           |            |             |                 |          |              |
| VER283651 |         |                      | 89,00   | 121,22     | 11,00     | 11,00      | 37,62       | DAP Humantla    | 333,39   | IMPO-94736   |
|           |         |                      |         |            |           |            |             |                 |          |              |
|           |         |                      |         |            |           |            |             |                 |          |              |
|           |         |                      |         |            |           |            |             |                 |          |              |
|           |         |                      |         |            |           |            |             |                 |          |              |
|           |         |                      |         |            |           |            |             |                 |          |              |
|           | 1393,20 |                      | 89,00   | 121,22     | 11,00     | 11,00      | 37,62       |                 | 764,01   |              |

## COLLECT FREIGHT TOTAL

RELEASE FEE

UNSTUFFING

ADMIN FEE

TRANSMISSION FEE

CREDIT FOR ON CARRIAGE

PORT TRANSFER

1.393,20 USD

89,00 USD

121,22 USD

11,00 USD

11,00 USD

764,01 USD

37,62 USD

1.393,20 USD debit to Interteam

1.033,85 USD credit to Interteam

kickback as agreed USD 24,00 w/m from B/L

date 01.10.2023 FRT:

56,517

1.356,41 USD

1.356,41 USD debit to Interteam

Hartrodt Kickback USD 4,50 w/m

FRT:

0,00 USD

58,00 USD debit to Interteam

Quick Cargo Kickback USD 3,- w/m

FRT:

13,217

39,65 USD

BDP / ED Forwarding Kickback USD 3,- w/m

FRT:

0,00 USD

Linkin / Europartner/XPD Kickback USD 4 w/m

FRT:

4,587

18,35 USD

DHL compensation VER canceled 2026

FRT:

DHL compensation ALM canceled 2026

FRT:

K&amp;N compensation canceled 2026

FRT:

Ceva compensation canceled 2026

FRT:

0,00 USD

0,00 USD credit to Interteam

## TOTAL AMOUNT

1.773,76 USD

CREDIT OR DEBIT TO INTERTAEM

## Agreed special PLC :

| SHIPPER       | Consignee            | Doc fee  | Unstuffing  | Admin | Transmiss. | Port Transfer |
|---------------|----------------------|----------|-------------|-------|------------|---------------|
| Würth         | Knipping/Globaltrans | USD 50,- | USD 28,-w/m |       |            |               |
| Hansa Gateway | all                  | USD 70,- | USD 33,-w/m |       |            |               |

|                                                                                                                                                                                                                                                                                                                                           |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|
|  <b>MAERSK</b>                                                                                                                                                                                                                                            |                                 | <b>NON-NEGOTIABLE WAYBILL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | SCAC MAEU                 |
|                                                                                                                                                                                                                                                                                                                                           |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | B/L No. 721376179         |
| Shipper (As principal, where "care of", "c/o", or other variants used.)<br>SACO SHIPPING GMBH<br>AS AGENT OF SACO SHIPPING LINE<br>LIMITED WOLLKAEMMEREISTR. 1<br>D-21107 HAMBURG / GERMANY<br>TAX-ID. DE-118597456                                                                                                                       |                                 | Booking No.<br>721376179                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                           |
|                                                                                                                                                                                                                                                                                                                                           |                                 | Export references<br>604HAM1637HYGR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Svc Contract<br>299542652 |
| Consignee (Negotiable only if consigned "to order", "to order of" a named Person or "to order of bearer".<br>As principal, where "care of", "c/o", or other variants used.)<br>INTERTEAM, S.A. DE C.V. COLIMA 114,<br>INT 201 COLONIA ROMA, C.P. 06700<br>MEXICO CITY. TEL: +525555149897<br>TAX ID: INT961206ES7<br>CTC: MARCELA GODINEZ |                                 | This contract is subject to the terms, conditions and exceptions, including the law & jurisdiction clause and limitation of liability & declared value clauses, of the current Maersk Bill of Lading (available from the Carrier, its agents and at terms.maersk.com/carriage), which are applicable with logical amendments (mutatis mutandis). To the extent necessary to enable the Consignee to sue and to be sued under this contract, the Shipper on entering into this contract does so on his own behalf and as agent for and on behalf of the Consignee and warrants that he has the authority to do so. The shipper shall be entitled to change the Consignee at any time before delivery of the goods provided he gives the Carrier reasonable notice in writing.<br>Delivery will be made to the Consignee or his authorised agent on production of reasonable proof of identity (and, in the case of an agent, reasonable proof of authority) without production of this waybill. The Carrier shall be under no liability whatsoever for misdelivery unless caused by the Carrier's negligence. |  |                           |
| Notify Party (see clause 22)<br>SAME AS CONSIGNEE<br>EMAIL: IMPORT@INTERTEAM.COM.MX                                                                                                                                                                                                                                                       |                                 | Onward inland routing (Not part of Carriage as defined in clause 1. For account and risk of Merchant)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                           |
| Vessel<br>GSL MARIA                                                                                                                                                                                                                                                                                                                       | Voyage No.<br>614W              | Place of Receipt. Applicable only when document used as Multimodal Waybill<br>Hamburg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                           |
| Port of Loading<br>Hamburg                                                                                                                                                                                                                                                                                                                | Port of Discharge<br>Veracruz * | Place of Delivery. Applicable only when document used as Multimodal Transport B/L. (see clause 1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                           |

## PARTICULARS FURNISHED BY SHIPPER

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                         |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|
| Kind of Packages; Description of goods; Marks and Numbers; Container No./Seal No.<br><br>1 Container Said to Contain 49 PACKAGE<br><br>MRKU 642462-7 40/DRY 9'6<br>1 PACKAGE GROSS WEIGHT: 126.200 KGS MEASUREMENT: 0.839 CBM<br>S.T.C.<br>1 STEEL DRUMS (UN 1A1)<br>PACKED ON 1 PALLET<br>SODIUM BIS<br>(TRIMETHYLSILYL)AMIDE<br>(40% IN THF)<br>UN 2924, IMO 3(8) , PG II<br>NET.: 100 KG<br>.<br>HS CODE 29319000<br>.<br>* NOTIFY ADDRESS<br>T: 52 722 707 1525<br>E-MAIL:<br>Below freight details will not be part of Original Bill of Lading unless requested by customer<br>Above particulars as declared by Shipper, but without responsibility of or representation by Carrier. | Weight<br>18135.650 KGS | Measurement<br>56.469 CBM |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|

|                                                                                                       |  |                                                  |                                     |                                                                                                                                                                                                                                                                      |                                                          |         |
|-------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------|
| Freight & Charges                                                                                     |  | Rate                                             | Unit                                | Currency                                                                                                                                                                                                                                                             | Prepaid                                                  | Collect |
| Charges Name<br>Basic Ocean Freight<br>Container Protect Essential<br>Documentation fee - Destination |  | Prepaid/Collect<br>Prepaid<br>Collect<br>Collect | Invoice Party<br>SACO SHIPPING GMBH | Customer Code<br>11314343                                                                                                                                                                                                                                            | Collection Business Unit<br>Maersk Deutschland (Hamburg) |         |
| Carrier's Receipt. Total number of containers or packages received by Carrier.<br>1 container         |  | Place of Issue of Waybill<br>Mumbai              |                                     | Shipped, as far as ascertained by reasonable means of checking, in apparent good order and condition unless otherwise stated herein the total number or quantity of Containers or other packages or units indicated in the box opposite entitled "Carrier's Receipt" |                                                          |         |
| Shipped on Board Date ( Local Time )                                                                  |  | Date Issue of Waybill                            |                                     |                                                                                                                                                                                                                                                                      |                                                          |         |
| Declared Value Charges (see clause 7.3 of the Maersk Bill of Lading) for Declared Value of US\$       |  |                                                  |                                     |                                                                                                                                                                                                                                                                      |                                                          |         |
| Signed for the Carrier Maersk A/S                                                                     |  |                                                  |                                     |                                                                                                                                                                                                                                                                      |                                                          |         |
| This transport document has one or more numbered pages                                                |  |                                                  |                                     |                                                                                                                                                                                                                                                                      |                                                          |         |

As Agent(s)

SANDRA.MELQUIADES@TAPI.COM  
COM.M

1 PALLET GROSS WEIGHT: 91.000 KGS MEASUREMENT: 0.485 CBM

AUTOMOTIVE SPARE PARTS

AS PER INVOICE: 100007149

HS-CODE: 870899

2 PALLETS GROSS WEIGHT: 1200.000 KGS MEASUREMENT: 2.645 CBM

PLASTIC GRANULES

AS PER INVOICE: 90205478

HS-CODE: 390210

2 PALLETS GROSS WEIGHT: 409.250 KGS MEASUREMENT: 1.210 CBM

57 CARTONS LOADED ON 2

PALLETS

HS CODE: 3303009000

UN: 1266, PERFUMARY

PRODUCTS

CLASS

3, PGII, LTD

QTY OCEAN FREIGHT: 185.13

USD

IMO:

485 USD

UN1266, PERFUMERY

PRODUCTS,

3, II, 0C,

1 CASE GROSS WEIGHT: 40.000 KGS MEASUREMENT: 0.200 CBM

1 CS BATTERIES, WET,

FILLED, WITH

ALKALI

IMO 8, UN2795

NET MASS: 25,0 KGS

GROSS MASS: 40,0 KGS

HS CODE: 85073080

1 PALLET GROSS WEIGHT: 258.000 KGS MEASUREMENT: 0.749 CBM

IPOX TCD 330

| Freight & Charges                       |  | Rate            | Unit               | Currency      | Prepaid                      | Collect |
|-----------------------------------------|--|-----------------|--------------------|---------------|------------------------------|---------|
| Charges Name                            |  | Prepaid/Collect | Invoice Party      | Customer Code | Collection Business Unit     |         |
| Terminal Handling Service - Destination |  | Collect         |                    |               |                              |         |
| Emergency Bunker Surcharge              |  | Prepaid         | SACO SHIPPING GMBH | 11314343      | Maersk Deutschland (Hamburg) |         |
| Export Intermodal Fuel Fee              |  | Prepaid         | SACO SHIPPING GMBH | 11314343      | Maersk Deutschland (Hamburg) |         |
| Equipment Handling Import               |  | Collect         |                    |               |                              |         |
| Emission Surcharge                      |  | Prepaid         | SACO SHIPPING GMBH | 11314343      | Maersk Deutschland (Hamburg) |         |
| Inland Haulage Export                   |  | Prepaid         | SACO SHIPPING GMBH | 11314343      | Maersk Deutschland (Hamburg) |         |
| IMO CLASS 3                             |  | Prepaid         | SACO SHIPPING GMBH | 11314343      | Maersk Deutschland (Hamburg) |         |
| Origin Dangerous Cargo Service          |  | Prepaid         | SACO SHIPPING GMBH | 11314343      | Maersk Deutschland (Hamburg) |         |
| Peak Season Surcharge                   |  | Prepaid         | SACO SHIPPING GMBH | 11314343      | Maersk Deutschland (Hamburg) |         |
| Value Protect Starter                   |  | Prepaid         | SACO SHIPPING GMBH | 11314343      | Maersk Deutschland (Hamburg) |         |





IMO Class: 3  
 UN Number: 1263  
 IMO Class: 3  
 UN Number: 1266  
 IMO Class: 8  
 UN Number: 2795  
 IMO Class: 3  
 UN Number: 1197  
 IMO Class: 3  
 UN Number: 2924  
 IMO Class: 9  
 UN Number: 3082

The Merchant(s) warrant and represent that this shipment and/or Goods will comply at all times with European Union, United States and United Nations sanctions and/or export control laws (Sanctions Laws), and that this shipment and/or Goods do not involve, whether directly or indirectly, any entity or person identified, or owned or controlled by any such entity or person identified, on the U.S. Treasury Departments Office of Foreign Asset Control (OFAC) list of Specially Designated Nationals and Blocked Persons, or any other similar list maintained by the European Union, or as promulgated by the United Nations Security Council (Designated Person). If, in the Carriers reasonable opinion, this shipment and/or Goods are in violation of the Carriers policy on Russia [<https://www.maersk.com/news/articles/2022/02/24/russia-ukraine-situation-update>], Sanctions Laws or involves any Designated Person, the shipment and/or Goods will be returned to the origin at Carriers sole and unfettered discretion, and the Merchant(s) shall indemnify and hold harmless the Carrier, its servants and agents, for any breach of this clause. The Merchant(s) agree that the Carrier may stop the shipment and/or Goods in transit or withhold release of the shipment and/or Goods pending any investigation into compliance with this clause by the Merchant(s).  
 SHIPPER'S LOAD, STOW, WEIGHT AND COUNT  
 FREIGHT PREPAID  
 SD/CY

| Freight & Charges |                 | Rate          | Unit          | Currency                 | Prepaid | Collect |
|-------------------|-----------------|---------------|---------------|--------------------------|---------|---------|
|                   |                 |               |               |                          |         |         |
| Charges Name      | Prepaid/Collect | Invoice Party | Customer Code | Collection Business Unit |         |         |
|                   |                 |               |               |                          |         |         |

# Manifest

Page: 1

Container-No.: MRKU6424627 40' HIGH CUBE CONTAINER Seal-No.: B136750

Vessel: SAC0101 / GSL MARIA

ETS:

Master-B/L.: 721376179

| BL-Ref   | Marks & Nos                                                                                           | Qty | Packing | Description of goods                                                                                                                                                                                                                       | Kos     | Cbm   |
|----------|-------------------------------------------------------------------------------------------------------|-----|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
| 27746372 | MXW071                                                                                                | 2   | PALLETS | 57 CARTONS<br>LOADED ON 2<br>PALLETS<br>HS CODE:<br>3303009000<br>UN: 1266,<br>PERFUMARY<br>PRODUCTS<br>CLASS<br>3, PGII, LTD<br>QTY OCEAN<br>FREIGHT: 185.13<br>USD<br>IMO:<br>485 USD<br>UN1266,<br>PERFUMERY<br>PRODUCTS,<br>3, II, 0C, | 409.250 | 1.210 |
| 85064    | TROOP ORDER<br>PO-12401 - O6069<br>OIV:P6069<br>CIUDAD DE<br>MEXICO<br>VIA VERACRUZ<br>MADE IN SWEDEN | 1   | CASE    | 1 CS BATTERIES,<br>WET, FILLED, WITH<br>ALKALI<br>IMO 8, UN2795<br>NET MASS: 25,0 KGS<br>GROSS MASS: 40,0<br>KGS<br>HS CODE: 85073080                                                                                                      | 40.000  | 0.200 |

# Manifest

Page: 2

Container-No.: MRKU6424627 40' HIGH CUBE CONTAINER Seal-No.: B136750

Vessel: SAC0101 / GSL MARIA

ETS:

Master-B/L.: 721376179

| BL-Ref    | Marks & Nos                                                                                                                                                                                                                                                                                          | Qty | Packing | Description of goods                                                                                                                                                                                                                                                                | Kos      | Cbm   |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| VER283305 | SODIUM BIS<br>(TRIMETHYLSILYL)<br>(40% IN THF)<br>CAS-NO-:<br>1070-89-9<br>1 STEEL DRUMS<br>(UN 1A1)<br>ORDER NO.:<br>Q02600397<br><br>100,- KG NETWT<br>112,70 KG GRWT<br>12,7 KG TARE<br>= 106,50 KG<br>+ 13,50 KG FOR<br>PALLET<br>BATCH NO.:<br>26000503/17<br>CUSTOMER<br>ITEM-NO.:<br>4R-16020 | 1   | PACKAGE | S.T.C.<br>1 STEEL DRUMS (UN<br>1A1)<br>PACKED ON 1<br>PALLET<br>SODIUM BIS<br>(TRIMETHYLSILYL)AM<br>(40% IN THF)<br>UN 2924, IMO 3(8) ,<br>PG II<br>NET.: 100 KG<br><br>HS CODE 29319000<br><br>* NOTIFY ADDRESS<br>T: 52 722 707 1525<br>E-MAIL:<br>SANDRA.MELQUIADES<br><br>COM.M | 126.200  | 0.839 |
| VER283340 | SPRINGFIX<br>BEFESTIGUNGS<br>TECHNIK<br>GMBH<br>AP SOLUTIONS<br>72057<br>DN 80283278                                                                                                                                                                                                                 | 1   | PALLET  | AUTOMOTIVE<br>SPARE PARTS<br>AS PER INVOICE:<br>100007149<br>HS-CODE: 870899                                                                                                                                                                                                        | 91.000   | 0.485 |
| VER283340 | ECOBAT<br>RESOURCES<br>BRAUBACH GMBH<br>A&P SOLUTIONS<br>MEXICO<br>80175661                                                                                                                                                                                                                          | 2   | PALLETS | PLASTIC GRANULES<br>AS PER INVOICE:<br>90205478<br>HS-CODE: 390210                                                                                                                                                                                                                  | 1200.000 | 2.645 |
| VER283465 | ORIGIN:<br>GERMANY<br>PURCHASE<br>ORDER: 26<br>051<br>LOT NUMBER:<br>20004586-50<br>VERACRUZ PORT,<br>MEXICO                                                                                                                                                                                         | 1   | PALLET  | IPOX TCD 330<br>1 PLASTIC DRUM<br>HS CODE: 293090<br><br>UN 3082/CLASS 9/PG<br>III                                                                                                                                                                                                  | 258.000  | 0.749 |

# Manifest

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Container-No.: MRKU6424627 40' HIGH CUBE CONTAINER Seal-No.: B136750

Vessel: SAC0101 / GSL MARIA

ETS:

Master-B/L.: 721376179

| BL-Ref    | Marks & Nos                                                                                                                                                                                                                                                                                  | Qty | Packing  | Description of goods                                                                                                   | Kos      | Cbm    |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|------------------------------------------------------------------------------------------------------------------------|----------|--------|
| VER283497 | VER283606<br>PO.NO.:<br>327011<br>CONSIGNEE:<br>PPG INDUSTRIES<br>DE<br>MEXICO S.A. DE<br>C.V.<br>C/O A.A. G.A.<br>RODRIGUEZ S.C.<br>PATENTE<br>1077TEQUISQUIAP,<br>NO. 66 ZONA<br>INDUSTRIAL SAN<br>JUAN<br>DEL RIO, QRO.<br>C.P.<br>76800 MEXICO<br>SEAPORT OF<br>DESTINATION:<br>VERACRUZ | 4   | PALLETS  | PAINT<br>**HSCODE:<br>32089091**<br><br>UN 1263/Class 3/PG<br>III<br>UN 1263/Class 3/PG<br>III                         | 2604.000 | 4.847  |
| VER283497 | VER283517<br>2812653110                                                                                                                                                                                                                                                                      | 7   | PACKAGES | TURN-UP BLADDER<br>**HSCODE: 401699**                                                                                  | 1763.000 | 10.474 |
| VER283498 | SCHNORR<br>GROUP DE<br>MEXICO S DE RL<br>DE<br>CV<br>INVOICE:<br>23729373                                                                                                                                                                                                                    | 3   | PALLETS  | DISC SPRINGS,<br>LOAD WASHERS<br>AND SAFE<br>TY WASCHERS OUT<br>OF STEEL<br>HS: 73182100,<br>73209030<br>NON-STACKABLE | 1517.000 | 1.757  |
| VER283522 | GRUPO ABC DE<br>MEXI<br>CO SA DE CV<br>AV. NORTE<br>CUATRO<br>DN:82146640                                                                                                                                                                                                                    | 3   | PALLETS  | HC.AIR 55 FKM HP<br>KRT<br>HS-CODE: 730729<br>INVOICE: 40044696                                                        | 657.960  | 4.587  |

# Manifest

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Container-No.: MRKU6424627 40' HIGH CUBE CONTAINER Seal-No.: B136750

Vessel: SAC0101 / GSL MARIA

ETS:

Master-B/L.: 721376179

| BL-Ref    | Marks & Nos                                                                                                | Qty | Packing | Description of goods                                                                                                                                                                                                                                          | Kos      | Cbm   |
|-----------|------------------------------------------------------------------------------------------------------------|-----|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| VER283525 | ECLATIN AG<br>FARBEN<br>UND LACKE<br>ALLTUB MEXICO S<br>DE R.L. DE C.V.<br>PO 4500034352 /<br>222748       | 1   | PALLET  | PAINT<br>2 STEEL DRUMS<br>PAINT<br>IMDG-CODE CLASS 3<br>UN-NO 1263<br>PACKAGING GROUP<br>III<br>EMS-NO. F-E, S-E<br>FLASHPOINT +23?<br>DEGR, CEL<br>TRANSPORT IN<br>ACCORDING<br>1.1.4.2.1<br>UN 1A2/Y1.5/120<br>AS PER INVOICE:<br>222748<br>HS-CODE: 320890 | 430.000  | 1.008 |
| VER283570 | PRODUCTOS<br>RIVIAL<br>S.A. DE C.V.<br>VERACRUZ,<br>MEXICO<br>PO4500019740<br>PO4500023211<br>PO4500025702 | 4   | PALLETS | PAINT AND PAINT<br>RELATED MATERIAL<br>HS-CODE:<br>391190,32082<br><br>UN 1263/CLASS 3/PG<br>III                                                                                                                                                              | 1130.630 | 4.166 |
| VER283584 | PO 4100600308<br>PO 4100600310<br>PO 4100593527                                                            | 5   | PALLETS | FLAVOR PEACH<br>HS CODE:33021090<br><br>UN 1197 , EXTRACTS<br>, LIQUID , 3, PG III                                                                                                                                                                            | 1722.550 | 4.148 |
| VER283586 | VER283588                                                                                                  | 1   | PACKAGE | SAID TO CONTAIN:<br>SPARE PART<br>**HSCODE:<br>73269098**                                                                                                                                                                                                     | 675.060  | 4.643 |
| VER283626 | PAUL HENKE<br>GMBH &<br>CO. KG<br>HAFELE DE<br>MEXICO,<br>S.A. DE C.V.<br>PH26-02133                       | 5   | PALLETS | FURNITURE<br>FITTINGS<br>AS PER INVOICE:<br>RE26-02587<br>HS-CODE: 392630                                                                                                                                                                                     | 980.000  | 6.093 |

# Manifest

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Container-No.: MRKU6424627 40' HIGH CUBE CONTAINER Seal-No.: B136750

Vessel: SAC0101 / GSL MARIA

ETS:

Master-B/L.: 721376179

| BL-Ref    | Marks & Nos                                                                        | Qty | Packing | Description of goods                                                                     | Kos      | Cbm   |
|-----------|------------------------------------------------------------------------------------|-----|---------|------------------------------------------------------------------------------------------|----------|-------|
| VER283626 | HAFELE BERLIN<br>GMBH & CO. KG<br>HAFELE DE<br>MEXICO,<br>S.A. DE C.V.<br>80003534 | 4   | PALLETS | FURNITURE<br>FITTINGS<br>AS PER INVOICE:<br>90003635<br>HS-CODE: 830242                  | 2986.000 | 2.938 |
| VER283644 | LEICHT + MULLER<br>KNIPPING-<br>AUTOMOTIVE<br>DN 12630434 + 35                     | 3   | PALLETS | AUTOMOTIVE<br>SPARE PARTS<br>AS PER INVOICE:<br>12640441,<br>12640442<br>HS-CODE: 902610 | 520.000  | 3.590 |
| VER283651 | KNIPPING -<br>AUTOMATIVE<br>S.A. DE C.V.,<br>MEXICO<br>LS: 2560122                 | 1   | PACKAGE | AUTOMOTIVE<br>SPARE PARTS<br>HS CODE: 39089000,<br>INVOICE NO:<br>2560122                | 1025.000 | 2.090 |

**Total**

**Quantity  
49**

**Grossweight Measurement  
18.135.650 56.469**

## MULTIMODAL DANGEROUS GOODS FORM

| 1 Shipper/Consignor/Sender<br><br><b>Hardford AB</b><br><b>Norra Svedengatan 30</b><br><b>SE-582 73 Linköping</b><br><b>SWEDEN</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   | 2 Transport document number                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------|-----------------|--------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------------------|------------------|-----------------|-----------------|------------------|--|--|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                   | 3 Page 1 of 1 pages                                                                                                                                                                                                                                                                                                                                                                                                 | 4 Shipper's reference           |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     | 5 Freight Forwarder's reference |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| 6 Consignee<br><b>H&amp;M/LD</b><br><b>H&amp;M Hennes &amp; Mauritz Servicios SA DE CV</b><br><b>Montes Urales #745 Piso 5</b><br><b>Lomas De Chapultepec</b><br><b>1era Seccion, Miguel Hidalgo</b><br><b>CP 11000 Ciudad de Mexico, Mexico</b><br><b>TAX ID: HAM120221P51</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                   | 7 Carrier (to be completed by the carrier)<br><br><b>SHIPPER'S DECLARATION</b><br>I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national government regulations. |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| 8 This shipment is within the limitations prescribed for:<br>(Delete non-applicable)<br><table border="1"> <tr> <td>PASSENGER AND MARINE VESSEL</td> <td>MARINE VESSEL ONLY</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                   | PASSENGER AND MARINE VESSEL                                                                                                                                                                                                                                                                                                                                                                                         | MARINE VESSEL ONLY              | 9 Additional handling information<br><br><b>Emergency phone: +4613233100</b><br><br><b>Contact person: Jens Holmström</b> |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| PASSENGER AND MARINE VESSEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MARINE VESSEL ONLY                |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| 10 Vessel/flight No. and date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| 12 Port/place of discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| 11 Port/place of loading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                   | 13 Destination                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| 14 Shipping Marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| <table border="1"> <thead> <tr> <th>* Number and kind of packages; description of goods</th> <th>Gross mass including pallets (kg)</th> <th>Net mass (kg)</th> <th>Gross mass (Kg)</th> </tr> </thead> <tbody> <tr> <td colspan="4"> <b>UN 1266, Perfumery Products</b><br/> <b>Class 3, PG II, (21°C c.c.)</b><br/> <b>LTD QTY</b><br/> <b>EmS: F-E, S-D</b> </td> </tr> <tr> <td><b>7 Fibreboard box/es packed on</b></td> <td><b>1 pallets</b></td> <td><b>64,92 kg</b></td> <td><b>7,514 kg</b></td> </tr> <tr> <td><b>289 Units</b></td> <td></td> <td></td> <td><b>39,92 kg</b></td> </tr> <tr> <td colspan="4"> <b>Hardford invoice number; LD 65344, 65355, 65364,</b><br/><br/> <b>Type of carton/boxes: Corrugated Cardboard</b><br/> <b>Inner packaging: Glass bottle</b> </td> </tr> </tbody> </table> |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 | * Number and kind of packages; description of goods                                                                       | Gross mass including pallets (kg) | Net mass (kg) | Gross mass (Kg) | <b>UN 1266, Perfumery Products</b><br><b>Class 3, PG II, (21°C c.c.)</b><br><b>LTD QTY</b><br><b>EmS: F-E, S-D</b> |  |  |  | <b>7 Fibreboard box/es packed on</b> | <b>1 pallets</b> | <b>64,92 kg</b> | <b>7,514 kg</b> | <b>289 Units</b> |  |  | <b>39,92 kg</b> | <b>Hardford invoice number; LD 65344, 65355, 65364,</b><br><br><b>Type of carton/boxes: Corrugated Cardboard</b><br><b>Inner packaging: Glass bottle</b> |  |  |  |
| * Number and kind of packages; description of goods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Gross mass including pallets (kg) | Net mass (kg)                                                                                                                                                                                                                                                                                                                                                                                                       | Gross mass (Kg)                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| <b>UN 1266, Perfumery Products</b><br><b>Class 3, PG II, (21°C c.c.)</b><br><b>LTD QTY</b><br><b>EmS: F-E, S-D</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| <b>7 Fibreboard box/es packed on</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>1 pallets</b>                  | <b>64,92 kg</b>                                                                                                                                                                                                                                                                                                                                                                                                     | <b>7,514 kg</b>                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| <b>289 Units</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>39,92 kg</b>                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| <b>Hardford invoice number; LD 65344, 65355, 65364,</b><br><br><b>Type of carton/boxes: Corrugated Cardboard</b><br><b>Inner packaging: Glass bottle</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| 15 container identification No./ vehicle registration No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16 Seal number (s)                | 17 Container/vehicle size & type                                                                                                                                                                                                                                                                                                                                                                                    | 18 Tare mass (kg)               |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| 19 Total Gross mass (including tare) (kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| CONTAINER/VEHICLE PACKING CERTIFICATE<br><br>I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions. **<br><br>MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   | 21 RECEIVING ORGANIZATION RECEIPT<br><br>Received the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon: RECEIVING ORGANIZATION REMARKS:                                                                                                                                                                                                                      |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| 20 Name of company<br><b>Hardford AB</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                   | Hauler's name                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| Name/Status of declarant<br><b>Jens Holmström</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   | Vehicle reg no.                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| Place and date<br><b>Linköping 2026-03-06</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   | Signature and date                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
| Signature of declarant<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   | DRIVER'S SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                   | Signature of declarant<br>                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                           |                                   |               |                 |                                                                                                                    |  |  |  |                                      |                  |                 |                 |                  |  |  |                 |                                                                                                                                                          |  |  |  |

\* DANGEROUS GOODS: YOU MUST SPECIFY: PROPER SHIPPING NAME, HAZARD CLASS, UN NO., PACKING GROUP, (WHERE ASSIGNED)

MARINE POLLUTANT AND OBSERVE THE MANDATORY REQUIREMENTS UNDER APPLICABLE NATIONAL AND INTERNATIONAL

GOVERNMENTAL REGULATIONS FOR THE PURPOSE OF THE IMDG CODE SEE 5.4.1.1.

\*\* FOR THE PURPOSE OF THE IMDG CODE SEE 5.4.2.

\*\*\* TRANSPORT IN ACCORDANCE WITH THE 2.3.2.5 OF IMDG CODE

Farligt Gods Center AB

Rattgatan 9, 442 40 KUNGÄLV Tel. 0303-20 60 60 Fax. 0303-20 60 66

E-post: info@fgc.se

Hemsida: www.fgc.se


 2015-04-23  
 Hardford AB  
 ADR 2015  
 IMDG Kodien 2012

## MULTIMODAL DANGEROUS GOODS FORM

| 1 Shipper/Consignor/Sender<br><br><b>Hardford AB</b><br><b>Norra Svedengatan 30</b><br><b>SE-582 73 Linköping</b><br><b>SWEDEN</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                   | 2 Transport document number                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------|-----------------------------------|---------------|-----------------|--------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------------|-----------|-----------|--------------------|------------|--|--|--|-------------------------------------------|--|--|--|--------------------------------------------|--|--|--|-------------------------------|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                   | 3 Page 1 of 1 pages                                                                                                                                                                                                                                                                                                                                                                                                 | 4 Shipper's reference           |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     | 5 Freight Forwarder's reference |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| 6 Consignee<br><b>H&amp;M/MX</b><br><b>H&amp;M Hennes &amp; Mauritz Servicios SA DE CV</b><br><b>Montes Urales #745 Piso 5</b><br><b>Lomas De Chapultepec</b><br><b>1era Seccion, Miguel Hidalgo</b><br><b>CP 11000 Ciudad de Mexico, Mexico</b><br><b>TAX ID: HAM120221P51</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                   | 7 Carrier (to be completed by the carrier)<br><br><b>SHIPPER'S DECLARATION</b><br>I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national government regulations. |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| 8 This shipment is within the limitations prescribed for:<br>(Delete non-applicable)<br>PASSENGER AND MARINE VESSEL<br>MARINE VESSEL ONLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   | 9 Additional handling information<br><br><b>Emergency phone: +4613233100</b><br><b>Contact person: Jens Holmström</b>                                                                                                                                                                                                                                                                                               |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| 10 Vessel/flight No. and date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11 Port/place of loading          |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| 12 Port/place of discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 13 Destination                    |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| 14 Shipping Marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| <table border="1"> <thead> <tr> <th>* Number and kind of packages; description of goods</th> <th>Gross mass including pallets (kg)</th> <th>Net mass (kg)</th> <th>Gross mass (Kg)</th> </tr> </thead> <tbody> <tr> <td colspan="4"> <b>UN 1266, Perfumery Products</b><br/> <b>Class 3, PG II, (21°C c.c.)</b><br/> <b>LTD QTY</b><br/> <b>EmS: F-E, S-D</b> </td> </tr> <tr> <td>50 Fibreboard box/es packed on</td> <td>1 pallets</td> <td>344,33 kg</td> <td>60,32 kg 319,33 kg</td> </tr> <tr> <td colspan="4">2320 Units</td> </tr> <tr> <td colspan="4">Hardford invoice number; MX 65347, 65357,</td> </tr> <tr> <td colspan="4">Type of carton/boxes: Corrugated Cardboard</td> </tr> <tr> <td colspan="4">Inner packaging: Glass bottle</td> </tr> </tbody> </table> |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 | * Number and kind of packages; description of goods | Gross mass including pallets (kg) | Net mass (kg) | Gross mass (Kg) | <b>UN 1266, Perfumery Products</b><br><b>Class 3, PG II, (21°C c.c.)</b><br><b>LTD QTY</b><br><b>EmS: F-E, S-D</b> |  |  |  | 50 Fibreboard box/es packed on | 1 pallets | 344,33 kg | 60,32 kg 319,33 kg | 2320 Units |  |  |  | Hardford invoice number; MX 65347, 65357, |  |  |  | Type of carton/boxes: Corrugated Cardboard |  |  |  | Inner packaging: Glass bottle |  |  |  |
| * Number and kind of packages; description of goods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Gross mass including pallets (kg) | Net mass (kg)                                                                                                                                                                                                                                                                                                                                                                                                       | Gross mass (Kg)                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| <b>UN 1266, Perfumery Products</b><br><b>Class 3, PG II, (21°C c.c.)</b><br><b>LTD QTY</b><br><b>EmS: F-E, S-D</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
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| 2320 Units                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| Hardford invoice number; MX 65347, 65357,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| Type of carton/boxes: Corrugated Cardboard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
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| 15 container identification No./ vehicle registration No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16 Seal number (s)                | 17 Container/vehicle size & type                                                                                                                                                                                                                                                                                                                                                                                    | 18 Tare mass (kg)               |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| 19 Total Gross mass (including tare) (kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| CONTAINER/VEHICLE PACKING CERTIFICATE<br><br>I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions. **<br>MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   | 21 RECEIVING ORGANIZATION RECEIPT<br><br>Received the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon: RECEIVING ORGANIZATION REMARKS:                                                                                                                                                                                                                      |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| 20 Name of company<br><b>Hardford AB</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                   | Hauler's name                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| Name/Status of declarant<br><b>Jens Holmström</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   | Vehicle reg no.                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| Place and date<br><b>Linköping 2026-03-06</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   | Signature and date                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
| Signature of declarant<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   | DRIVER'S SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                   | Signature of declarant<br>                                                                                                                                                                                                                                                                                                     |                                 |                                                     |                                   |               |                 |                                                                                                                    |  |  |  |                                |           |           |                    |            |  |  |  |                                           |  |  |  |                                            |  |  |  |                               |  |  |  |

\* DANGEROUS GOODS: YOU MUST SPECIFY: PROPER SHIPPING NAME, HAZARD CLASS, UN NO., PACKING GROUP, (WHERE ASSIGNED)

MARINE POLLUTANT AND OBSERVE THE MANDATORY REQUIREMENTS UNDER APPLICABLE NATIONAL AND INTERNATIONAL

GOVERNMENTAL REGULATIONS FOR THE PURPOSE OF THE IMDG CODE SEE 5.4.1.1.

\*\* FOR THE PURPOSE OF THE IMDG CODE SEE 5.4.2.

\*\*\* TRANSPORT IN ACCORDANCE WITH THE 2.3.2.5 OF IMDG CODE

Farligt Gods Center AB

Rattgatan 9, 442 40 KUNGÄLV Tel. 0303-20 60 60 Fax. 0303-20 60 66

E-post: info@fgc.se

Hemsida: www.fgc.se


 2015-04-23  
 Hardford AB  
 ADR 2015  
 IMDG Kodan 2012

|                                                                                                                                                                                                                                                          |                                                |                                                                                                                                                                           |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| SHIPPER/EXPORTER (COMPLETE NAME AND ADDRESS)<br>MAERSK LOGISTICS & SERVICES SWEDEN AB<br>EORI+SE5560967431<br>KAMPEGATAN 3 GOTHENBURG O SE-411 04 SWEDEN                                                                                                 |                                                | BOOKING NO.<br>27746372                                                                                                                                                   | BILL OF LADING NO.<br>27746372 |
|                                                                                                                                                                                                                                                          |                                                | EXPORT REFERENCES<br>C26SGOT00004033                                                                                                                                      |                                |
| CONSIGNEE (NOT NEGOTIABLE UNLESS CONSIGNED TO ORDER)<br>DAMCO LOGISTICS MEXICO SA DE CV BOULEVARD MANUEL<br>AVILA CAMACHO 32 PISO<br>21 LOMAS DE CHAPULTEPEC, MIGUEL HIDALGO III<br>SECCION MEXICO CITY CDM 11000 MEXICO<br>SHARON.ROMERO@LNS.MAERSK.COM |                                                | FORWARDING AGENT, F.M.C. NO<br>MAERSK LOGISTICS & SERVICES SWEDEN AB<br>BOX 1011<br>GOTEBORG 405 21 SE-SWEDEN<br>0317511000 7649744                                       |                                |
|                                                                                                                                                                                                                                                          |                                                | POINT AND COUNTRY OF ORIGIN OF GOODS                                                                                                                                      |                                |
| NOTIFY PARTY (COMPLETE NAME AND ADDRESS)<br>SAME AS CONSIGNEE<br>RFC+DLM000704FD6<br>ALMENDRA.MOTA@LNS.MAERSK.COM                                                                                                                                        |                                                | FOR DELIVERY PLEASE APPLY TO<br>INTERTEAM SA DE CV<br>SERVICIOS INTERN. DE COMERCIO<br>COLIMA 114 DESP 201<br>COL ROMA C.P.<br>MEXICO D.F. 06700<br>PHONE: 00525555149897 |                                |
| PRE-CARRIAGE BY*                                                                                                                                                                                                                                         | PLACE OF RECEIPT BY PRE-CARRIER*<br>GOTHENBURG | TRANSHIPMENT PORT                                                                                                                                                         |                                |
| EXPORT CARRIER (VESSEL/VOY/FLAG)<br>GSL MARIA 614W                                                                                                                                                                                                       | PORT OF LOADING<br>HAMBURG                     | LOADING PIER/TERMINAL<br>CFS / CFS                                                                                                                                        |                                |
| PORT OF DISCHARGE<br>VERACRUZ                                                                                                                                                                                                                            | PLACE OF DELIVERY BY ON CARRIER*<br>VERACRUZ   | NUMBER OF ORIGINALS<br>0/EXPRESS                                                                                                                                          |                                |

| MARKS & NOS/CONTAINER NOS |  | NO. OF PKGS | PARTICULARS FURNISHED BY SHIPPER<br>DESCRIPTION OF PACKAGES AND GOODS                                                                                                                                                                          | GROSS WEIGHT               | MEASUREMENT             |
|---------------------------|--|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|
| MXW071                    |  | 2           | PALLETS<br>57 CARTONS LOADED ON 2<br>PALLETS<br>HS CODE: 3303009000<br>UN: 1266, PERFUMARY PRODUCTS CLASS<br>3, PGII, LTD<br>QTY OCEAN FREIGHT: 185.13 USD IMO:<br>485 USD<br>UN1266, PERFUMERY PRODUCTS,<br>3, II, OC,<br><br>FREIGHT PREPAID | 902.242 Lbs<br>409.250 Kgs | 42.731 Cbf<br>1.210 Cbm |
| SHIPPERS LOAD AND COUNT   |  |             |                                                                                                                                                                                                                                                |                            |                         |

For notification purpose only

Page 1 of 1

Total: 902.242 Lbs  
409.250 Kgs 42.731 Cbf  
1.210 Cbm

[illegible]

RECEIVED by Carrier, so far as can be reasonably ascertained, in external apparent good order and condition (unless otherwise stated herein) the Goods as specified above for carriage from the Place of Receipt or Port of Loading to the Port of Discharge or Place of Delivery, whichever is applicable. **Notwithstanding** any local customs or privileges to the contrary, Merchant agrees on acceptance of contract or acceptance or notice of this Bill to be bound, and that the Goods and Services as evidenced herein are subject to, all terms of the Bill including but not limited to Defences (as defined), indemnities, liabilities and exclusions of liability, and the Carrier's Tariff, as if all signed by the Merchant. Above particulars of the Goods and address details are as provided and as declared by Merchant and are stated without warranty, liability or responsibility as to correctness by Carrier. Where the Bill is non-negotiable and unless Merchant gives written notice of and Carrier has given written agreement to the contrary prior to Carrier's acceptance of the Goods, or if this is an Express Bill, then Carrier may give delivery to the consignee or to the order of the consignee, and the Bill shall be deemed to have been accepted by the consignee or to the order of the consignee, and without the surrendering of any Original Bill. Where the Bill is negotiable (To order / or) in accordance with the terms of this Bill, one original Bill of Lading, duly endorsed, must be surrendered by the Merchant to the Carrier (together with payment of outstanding Freight and Charges) in exchange for the Goods or a receipt for the Goods. If the Bill is negotiable, the Bill shall be deemed to have been accepted by the consignee or to the order of the consignee, and as receipt for the Bill, one original Bill of Lading has been surrendered and all other Bills of Lading shall be void.

DATED  
AT GOTHENBURG ON APR 11, 2026  
BY SHIPCO TRANSPORT



## Safety Data Sheet Cosmetic Product (EdT)

Review date 2024-06-03

**1. Identification****H&M Product name:** Eau de Toilette Vanilla Dreamer**H&M Product number:** 1251954**Use of the substance/preparation:** Cosmetics**Supplier name:** Hardford AB**Supplier address and phone:** N. Svedengatan 30, 58273 Linköping, Sweden phone +46 13 233100**2. Hazard(s) identification****SECTION 2: HAZARDS IDENTIFICATION**

This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

**2.1 Classification of the substance or mixture**

Classification Regulation EC1272/2008

H225 Highly flammable liquid or vapour

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

**2.2 Label elements**

Labelling Regulation EC1272/2008

Hazard pictograms



The product is exempt from CLP labeling as it is a cosmetic product. The flammability labelling is included according to Cosmetic Europe guidelines.

**2.3 Other hazards**

Explosive mixtures may form with air if large quantities of products are released in unventilated area.

**3. Composition/information on ingredients****3.2 MIXTURE****CHEMICAL CHARACTERIZATION**

Perfume, emulgator, UV-filters and colorants solved in ethanol.

The complete ingredient list for the finished product is as follows: Alcohol Denat., Aqua, Parfum, Tetramethyl Acetyloctahydronaphthalenes, Linalool, Limonene, Citrus Aurantium Peel Oil, Ethylhexyl Methoxycinnamate, Linalyl Acetate, Vanillin, Coumarin, Benzyl Salicylate, Butyl

## Safety Data Sheet Cosmetic Product (EdT)

Review date 2024-06-03

Methoxydibenzoylmethane, Ethylhexyl Salicylate, Terpineol, Citronellol, Pinene, Geraniol, Geranyl Acetate, Terpinolene, Alpha-Terpinene, Rose Ketones, Cedrus Atlantica Oil/Extract, Pogostemon Cablin Oil, Citral, Beta-Caryophyllene, Alpha-Isomethyl Ionone, Farnesol, Benzyl Alcohol, Benzyl Benzoate, Citric Acid, Triethanolamine, Sodium Chloride, Sodium Sulfate, Acid Violet 43, CI 60730, CI 19140, CI 14700

Following fragrance allergens have to be declared on the product according to European Cosmetic Regulation 1223/2009/EC: Tetramethyl Acetyloctahydronaphthalenes, Linalool, Limonene, Citrus Aurantium Peel Oil, Linalyl Acetate, Vanillin, Coumarin, Benzyl Salicylate, Terpineol, Citronellol, Pinene, Geraniol, Geranyl Acetate, Terpinolene, Alpha-Terpinene, Rose Ketones, Cedrus Atlantica Oil/Extract, Pogostemon Cablin Oil, Citral, Beta-Caryophyllene, Alpha-Isomethyl Ionone, Farnesol, Benzyl Alcohol, Benzyl Benzoate.

**HAZARDOUS COMPONENTS**

| INGREDIENT                         | HAZARD SYMBOL<br>(CE) No 1272/2008                                                                 | CONCENTRATION<br>(w/w) | REGISTRATION<br>NUMBER |
|------------------------------------|----------------------------------------------------------------------------------------------------|------------------------|------------------------|
| Alcohol<br>Denat.<br>CAS : 64-17-5 | FLAM. LIQ. 2 H225<br>EYE IRRIT. 2 H319                                                             | 70-80 %                | 01-2119457610-43-XXXX  |
| Parfum<br>CAS : N/A                | SKIN IRRIT. 2,<br>H315<br>SKIN SENS. 1,<br>H317<br>EYE IRRIT. 2 H319<br>AQUATIC CHRONIC 2,<br>H411 | 5-10 %                 | N/A                    |

**4. First aid measures**

Eye contact: Rinse with plenty of water. If any discomfort or irritation persists, contact a physician.  
Skin contact: This is a cosmetic product for skin use. If any skin problem occurs, discontinue use of product. If discomfort persists, contact a physician.

Inhalation: If respiratory irritation occurs, remove individual to fresh air. If problem persists, contact a physician. Start artificial respiration if needed.

Ingestion: Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. If problem persists, contact a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

See section 1.1

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5. Fire-fighting measures****5.1 Extinguishing media**

Suitable Extinguishing Media: Water spray, Carbon dioxide, Dry powder, Foam

Unsuitable extinguishing media :Water

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting: Flammable material. Explosive mixtures may form with air.

**5.3 Advice for firefighters**

Special protective equipment for firefighters: Use self-contained breathing apparatus and full protective gear, if large quantities of product involved.

Further information: Hazardous decomposition products may be released

**6. Accidental release measures****6.1 - PERSONAL PRECAUTIONS**

For household settings: Ventilate and eliminate all ignition sources. Dilute with water.

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For non-household settings: Ventilate area and eliminate all ignition sources. Avoid contact with skin and eyes. Use personal protective equipment.

**6.2 Environmental precautions**

Environmental precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and materials for containment and cleaning up**

For household settings: Absorb liquid and scrub the area with detergent.

For non-household settings: Soak up with absorbent material (e.g. sand, silica gel, universal binder). Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

Not applicable

**7. Handling and storage****7.1 Precautions for safe handling**

For household settings: Do not expose to heat and flame. Use only in ventilated area.

For non-household settings: Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid heat and ignition sources. Do not breathe vapours.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage Keep container tightly closed in a dry and well areas and containers ventilated. Stored in fireproof area.

**7.3 Specific end use(s)**

This is a cosmetic product that is safe for consumers

**8. Exposure controls/personal protection****8.1 Control parameters**

Application area: Consumers/warehouse workers

Exposure: Skin contact

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Inhalation

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Ingestion Value: No data available

Calculated no-effect concentration

Environment area: fresh water, seawater, sediment, soil, waste water treatment.

Value: No data available

Component: ethanol CAS-nr. 64-17-5

Other related limit value

Regulation: Sweden, Limit value list

Limit value list: TLV (SE)

Typical value: TWA

Value 1000mg/m<sup>3</sup>

Typical value: Short-term value

Value: 1900 mg/m<sup>3</sup>

**8.2 Exposure controls**

Personal protective equipment

For household settings: This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

For non-household settings:

Inhalation protection: Use in well-ventilated area. Avoid excessive inhalation, contact with eyes or skin. When exposed to large quantities use breathing apparatus.

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Hand protection: This is a cosmetic product for skin use. When handling large quantities use gloves and other protective clothing to protect skin contact  
 Eye contact: Use safety glasses if splash hazards exist.  
 Environmental exposure controls  
 General advice: Do not allow material to contaminate ground water system. If the product contaminates rivers and lakes or drains inform respective authorities.

**9. Physical and chemical properties****SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Form: Liquid

Colour: orange

Odour: perfume

Flash point: 21 °C

Density: 0,84-0,86 g/l

Water solubility: soluble

Explosive properties: Explosive mixtures may form with air.

Oxidized properties: No data available

**9.2 Further information**

No data available

**10. Stability and reactivity****SECTION 10. STABILITY AND REACTIVITY**

10.1. Reactivity: Stable under recommended storage conditions

10.2. Chemical stability: Stable under recommended storage conditions

10.3. Possibility of hazardous reactions: No decomposition if stored and applied as directed.

10.4. Conditions to avoid: Stored away from heat and ignition sources.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, acids, peroxides

10.6. Hazardous decomposition products No data available

**11. Toxicological information**

No data available for the product, the following data is based on the main component (ethanol)

**11.1. Information on toxicological effects**

Acute toxicity

Ingestion: Irritating in mouth and throat, vomiting, dizziness, headache

Inhalation: Large quantities may be irritating in nose and throat, dizziness, headache

Skin contact: Large quantities may be irritating to skin.

Eye contact: Irritating.

Acute oral toxicity LD50 5000 mg/kg Species: rat

Acute inhalation toxicity: LD50 &gt;1800 mg/kg Species: rat

Acute dermal toxicity: No data available

**12. Ecological information**

No data available for the product, the following data is based on the main component (ethanol).

**12.1 Toxicity**Toxicity to fish LC<sub>50</sub> 96h 1100 mg/l

Toxicity to daphnia and other

aquatic invertebrates EC<sub>50</sub> Daphnia 48 h: 9300 mg/l

## Safety Data Sheet Cosmetic Product (EdT)

Review date 2024-06-03

Toxicity to algae EC50 algae 168h: 5000 mg/l

**12.2 Persistence and degradability**

Persistence: No data available

Biodegradability: 84 %

**12.3. Bioaccumulative potential** No data available**12.4 Mobility in soil** The product evaporates quickly.**12.5. Results of PBT and vPvB assessment** No data available**12.6. Endocrine disrupting properties.** No data available**12.7. Other adverse effects** Large quantities may be harmful to aquatic organisms**13. Disposal considerations****13.1 Waste treatment methods**

Product: The product should not be allowed to enter drains.

Packaging: Dispose of in accordance with local regulations

**14. Transport information****14.1. UN number** 1266**14.2. Official transport classification** Perfumery products with flammable solvents**14.3. Hazard Identification Number**

ADR-Class 3

Labels, classification code, tunnel restriction code: 3; F1; 33; (D/E)

RID-Class 3

Labels, classification code, hazard code: 3; F1; 33

IMDG-Class 3

Labels; EmS 3; F-E, S-D

**14.4. Packaging group**

ADR : II

RID : II

IMDG : II

Limited Quantity: 5 L

**14.5. Environmentally hazardous** No**14.6. Special precautions** Not applicable**14.7. Bulk transport according to annex II MARPOL 73/78 and IBC code:** Not applicable**15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other directives: AFS 2005:17 Arbetarskyddsstyrelsens Författningssamling: HYGIENISKA

GRÄNSVÄRDEN OCH ÅTGÄRDER MOT LUFTFÖRORENINGAR; SÄIFS 1997:3

Sprängämnesinspektionens författningssamling. "Hantering av vätska med flampunkt &lt; 100°C krävs tillstånd",

Seveso Directive.

**15.2 Chemical Safety Assessment**

no data available

**16. Other information, including date of preparation or last revision**

Full text of relevant R- and H-phrases

H225 Highly flammable liquid or vapour

## Safety Data Sheet Cosmetic Product (EdT)

Review date 2024-06-03

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H411 Toxic to aquatic life with long lasting effects  
H412 Harmful to aquatic life with long lasting effects

**DISCLAIMER**

DISCLAIMER: Please notify that this document is a summary of our knowledge and guidance regarding use of this product. It is NOT a complete Safety Data Sheet according to 1907/2006/EC.

The above information is based upon our current knowledge, and concerns the product in the consumer packaging. The information is given for safety awareness, and not to ensure any properties of the product. This document is guidance about the hazards and precautions associated with handling of the product. The responsibility that the product is used correctly is obligated to the user.

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

## 1. Identification

**H&M Product name:** Eau de Toilette Wild Strawberry

**H&M Product number:** 1317886

**Use of the substance/preparation:** Cosmetics

**Supplier name:** Hardford AB

**Supplier address and phone:** N. Svedengatan 30, 58273 Linköping, Sweden Phone +46 13 233100

## 2. Hazard(s) identification

### SECTION 2: HAZARDS IDENTIFICATION

This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

#### 2.1 Classification of the substance or mixture

Classification Regulation EC1272/2008

H225 Highly flammable liquid or vapour

H319 Causes serious eye irritation

H411 Toxic to aquatic life with long lasting effects

#### 2.2 Label elements

Labelling Regulation EC1272/2008

Hazard pictograms



The product is exempt from CLP labeling as it is a cosmetic product. The flammability labelling is included according to Cosmetic Europe guidelines.

#### 2.3 Other hazards

Explosive mixtures may form with air if large quantities of products are released in unventilated area.

## 3. Composition/information on ingredients

### 3.2 MIXTURE

#### CHEMICAL CHARACTERIZATION

Alcohol Denat., Aqua, Parfum, Hexamethylindanopyran, Tetramethyl Acetyloctahydronaphthalenes, Ethylhexyl Methoxycinnamate, Hydroxycitronellal, Geranyl Acetate, Juniperus Virginiana Oil, Ethylhexyl Salicylate, Butyl Methoxydibenzoylmethane, Pinene, Geraniol, Rose Ketones, Anethole, Citronellol, Citric Acid, Triethanolamine, Sodium Chloride, Sodium Sulfate, CI 14700, CI 19140

## Safety Data Sheet Cosmetic Product (EdT)

Version 01 2025-11-27

Following fragrance allergens have to be declared on the product according to European Cosmetic Regulation 1223/2009/EC: Hexamethylindanopyran, Tetramethyl Acetyloctahydronaphthalenes, Hydroxycitronellal, Geranyl Acetate, Juniperus Virginiana Oil, Pinene, Geraniol, Rose Ketones, Anethole, Citronellol

## HAZARDOUS COMPONENTS

| INGREDIENT                         | HAZARD SYMBOL<br>(CE) No 1272/2008                                     | CONCENTRATION<br>(w/w) | REGISTRATION<br>NUMBER |
|------------------------------------|------------------------------------------------------------------------|------------------------|------------------------|
| Alcohol<br>Denat.<br>CAS : 64-17-5 | FLAM. LIQ. 2 H225<br>EYE IRRIT. 2 H319                                 | 70-80 %                | 01-2119457610-43-XXXX  |
| Parfum<br>CAS : N/A                | SKIN SENS. 1, H317<br>EYE IRRIT. 2, H319<br>AQUATIC CHRONIC 1,<br>H410 | 5-10 %                 | N/A                    |

**4. First aid measures**

Eye contact: Rinse with plenty of water. If any discomfort or irritation persists, contact a physician.  
 Skin contact: This is a cosmetic product for skin use. If any skin problem occurs, discontinue use of product. If discomfort persists, contact a physician.  
 Inhalation: If respiratory irritation occurs, remove individual to fresh air. If problem persists, contact a physician. Start artificial respiration if needed.  
 Ingestion: Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. If problem persists, contact a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

See section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5. Fire-fighting measures****5.1 Extinguishing media**

Suitable Extinguishing Media: Water spray, Carbon dioxide, Dry powder, Foam

Unsuitable extinguishing media :Water

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting: Flammable material. Explosive mixtures may form with air.

**5.3 Advice for firefighters**

Special protective equipment for firefighters: Use self-contained breathing apparatus and full protective gear, if large quantities of product involved.

Further information: Hazardous decomposition products may be released

**6. Accidental release measures****6.1 - PERSONAL PRECAUTIONS**

For household settings: Ventilate and eliminate all ignition sources. Dilute with water.

For non-household settings: Ventilate area and eliminate all ignition sources. Avoid contact with skin and eyes. Use personal protective equipment.

**6.2 Environmental precautions**

Environmental precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and materials for containment and cleaning up**

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

For household settings: Absorb liquid and scrub the area with detergent.  
For non-household settings: Soak up with absorbent material (e.g. sand, silica gel, universal binder).  
Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

Not applicable

**7. Handling and storage**

**7.1 Precautions for safe handling**

For household settings: Do not expose to heat and flame. Use only in ventilated area.  
For non-household settings: Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid heat and ignition sources. Do not breathe vapours.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage Keep container tightly closed in a dry and well areas and containers ventilated. Stored in fireproof area.

**7.3 Specific end use(s)**

This is a cosmetic product that is safe for consumers

**8. Exposure controls/personal protection**

**8.1 Control parameters**

Application area: Consumers/warehouse workers

Exposure: Skin contact

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Inhalation

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Ingestion Value: No data available

Calculated no-effect concentration

Environment area: fresh water, seawater, sediment, soil, waste water treatment.

Value: No data available

Component: ethanol CAS-nr. 64-17-5

Other related limit value

Regulation: Sweden, Limit value list

Limit value list: TLV (SE)

Typical value: TWA

Value 1000mg/m<sup>3</sup>

Typical value: Short-term value

Value: 1900 mg/m<sup>3</sup>

**8.2 Exposure controls**

Personal protective equipment

For household settings: This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

For non-household settings:

Inhalation protection: Use in well-ventilated area. Avoid excessive inhalation, contact with eyes or skin. When exposed to large quantities use breathing apparatus.

Hand protection: This is a cosmetic product for skin use. When handling large quantities use gloves and other protective clothing to protect skin contact

Eye contact: Use safety glasses if splash hazards exist.

Environmental exposure controls

General advice: Do not allow material to contaminate ground water system. If the product contaminates rivers and lakes or drains inform respective authorities.

## 9. Physical and chemical properties

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Form: Liquid

Colour: Light pink

Odour: Perfume

Flash point: 21 °C

Density: 0,84-0,86 g/l

Water solubility: Soluble

Explosive properties: Explosive mixtures may form with air.

Oxidized properties: No data available

#### 9.2 Further information

No data available

## 10. Stability and reactivity

### SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity: Stable under recommended storage conditions

10.2. Chemical stability: Stable under recommended storage conditions

10.3. Possibility of hazardous reactions: No decomposition if stored and applied as directed.

10.4. Conditions to avoid: Stored away from heat and ignition sources.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, acids, peroxides

10.6. Hazardous decomposition products No data available

## 11. Toxicological information

No data available for the product, the following data is based on the main component (ethanol)

### 11.1. Information on toxicological effects

Acute toxicity

Ingestion: Irritating in mouth and throat, vomiting, dizziness, headache

Inhalation: Large quantities may be irritating in nose and throat, dizziness, headache

Skin contact: Large quantities may be irritating to skin.

Eye contact: Irritating.

Acute oral toxicity LD50 5000 mg/kg Species: rat

Acute inhalation toxicity: LD50 >1800 mg/kg Species: rat

Acute dermal toxicity: No data available

## 12. Ecological information

No data available for the product, the following data is based on the main component (ethanol).

### 12.1 Toxicity

Toxicity to fish LC<sub>50</sub> 96h 1100 mg/l

Toxicity to daphnia and other

aquatic invertebrates EC<sub>50</sub> Daphnia 48 h: 9300 mg/l

Toxicity to algae EC<sub>50</sub> algae 168h: 5000 mg/l

### 12.2 Persistence and degradability

Persistence: No data available

Biodegradability: 84 %

12.3. Bioaccumulative potential No data available

12.4 Mobility in soil The product evaporates quickly.

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**12.5. Results of PBT and vPvB assessment** No data available

**12.6. Endocrine disrupting properties.** No data available

**12.7. Other adverse effects** Large quantities may be harmful to aquatic organisms

**13. Disposal considerations**

**13.1 Waste treatment methods**

Product: The product should not be allowed to enter drains.

Packaging: Dispose of in accordance with local regulations

**14. Transport information**

**14.1. UN number** 1266

**14.2. Official transport classification** Perfumery products with flammable solvents

**14.3. Hazard Identification Number**

ADR-Class 3

Labels, classification code, tunnel restriction code: 3; F1; 33; (D/E)

RID-Class 3

Labels, classification code, hazard code: 3; F1; 33

IMDG-Class 3

Labels; EmS 3; F-E, S-D

**14.4. Packaging group**

ADR : II

RID : II

IMDG : II

Limited Quantity: 5 L

**14.5. Environmentally hazardous** Yes

**14.6. Special precautions** Not applicable

**14.7. Bulk transport according to annex II MARPOL 73/78 and IBC code:** Not applicable

**15. Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other directives: AFS 2005:17 Arbetarskyddsstyrelsens Författningssamling: HYGIENISKA GRÄNSVÄRDEN OCH ÅTGÄRDER MOT LUFTFÖRORENINGAR; SÄIFS 1997:3

Sprängämnesinspektionens författningssamling. "Hantering av vätska med flampunkt < 100°C krävs tillstånd",

Seveso Directive.

**15.2 Chemical Safety Assessment**

no data available

**16. Other information, including date of preparation or last revision**

Full text of relevant R- and H-phrases

H225 Highly flammable liquid or vapour

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H410 Very Toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

**DISCLAIMER**

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Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

## 1. Identification

**H&M Product name:** Eau de Toilette Coconut Escape

**H&M Product number:** 1317888

**Use of the substance/preparation:** Cosmetics

**Supplier name:** Hardford AB

**Supplier address and phone:** N. Svedengatan 30, 58273 Linköping, Sweden Phone +46 13 233100

## 2. Hazard(s) identification

### SECTION 2: HAZARDS IDENTIFICATION

This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

#### 2.1 Classification of the substance or mixture

Classification Regulation EC1272/2008

H225 Highly flammable liquid or vapour

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

#### 2.2 Label elements

Labelling Regulation EC1272/2008

Hazard pictograms



The product is exempt from CLP labeling as it is a cosmetic product. The flammability labelling is included according to Cosmetic Europe guidelines.

#### 2.3 Other hazards

Explosive mixtures may form with air if large quantities of products are released in unventilated area.

## 3. Composition/information on ingredients

### 3.2 MIXTURE

#### CHEMICAL CHARACTERIZATION

Alcohol Denat., Aqua, Parfum, Benzyl Salicylate, Vanillin, Ethylhexyl Methoxycinnamate, Alpha-Isomethyl Ionone, Hexyl Cinnamal, Tetramethyl Acetyloctahydronaphthalenes, Geranyl Acetate, Linalyl Acetate, Coumarin, Hydroxycitronellal, Linalool, Ethylhexyl Salicylate, Butyl Methoxydibenzoylmethane, Acetyl

## Safety Data Sheet Cosmetic Product (EdT)

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Cedrene, Cananga Odorata Oil/Extract, Citronellol, Citrus Aurantium Peel Oil, Limonene, Geraniol, Isoeugenyl Acetate, Beta-Caryophyllene, Benzyl Benzoate, Sodium Sulfate, Sodium Chloride, Citric Acid, Triethanolamine, CI 60730, CI 19140, CI 16035

Following fragrance allergens have to be declared on the product according to European Cosmetic Regulation 1223/2009/EC: Vanillin, Alpha-Isomethyl Ionone, Hexyl Cinnamal, Tetramethyl Acetyloctahydronaphthalenes, Benzyl Salicylate, Geranyl Acetate, Linalyl Acetate, Coumarin, Hydroxycitronellal, Linalool, Acetyl Cedrene, Cananga Odorata Oil/Extract, Citronellol, Citrus Aurantium Peel Oil, Limonene, Geraniol, Isoeugenyl Acetate, Beta-Caryophyllene, Benzyl Benzoate

**HAZARDOUS COMPONENTS**

| INGREDIENT                         | HAZARD SYMBOL<br>(CE) No 1272/2008                                     | CONCENTRATION<br>(w/w) | REGISTRATION<br>NUMBER |
|------------------------------------|------------------------------------------------------------------------|------------------------|------------------------|
| Alcohol<br>Denat.<br>CAS : 64-17-5 | FLAM. LIQ. 2 H225<br>EYE IRRIT. 2 H319                                 | 70-80 %                | 01-2119457610-43-XXXX  |
| Parfum<br>CAS : N/A                | SKIN SENS. 1, H317<br>EYE IRRIT. 2, H319<br>AQUATIC CHRONIC 2,<br>H411 | 5-10 %                 | N/A                    |

**4. First aid measures**

Eye contact: Rinse with plenty of water. If any discomfort or irritation persists, contact a physician.  
 Skin contact: This is a cosmetic product for skin use. If any skin problem occurs, discontinue use of product. If discomfort persists, contact a physician.  
 Inhalation: If respiratory irritation occurs, remove individual to fresh air. If problem persists, contact a physician. Start artificial respiration if needed.  
 Ingestion: Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. If problem persists, contact a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

See section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5. Fire-fighting measures****5.1 Extinguishing media**

Suitable Extinguishing Media: Water spray, Carbon dioxide, Dry powder, Foam

Unsuitable extinguishing media :Water

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting: Flammable material. Explosive mixtures may form with air.

**5.3 Advice for firefighters**

Special protective equipment for firefighters: Use self-contained breathing apparatus and full protective gear, if large quantities of product involved.

Further information: Hazardous decomposition products may be released

**6. Accidental release measures****6.1 - PERSONAL PRECAUTIONS**

For household settings: Ventilate and eliminate all ignition sources. Dilute with water.

For non-household settings: Ventilate area and eliminate all ignition sources. Avoid contact with skin and eyes. Use personal protective equipment.

**6.2 Environmental precautions**

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

Environmental precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and materials for containment and cleaning up

For household settings: Absorb liquid and scrub the area with detergent.

For non-household settings: Soak up with absorbent material (e.g. sand, silica gel, universal binder).

Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

Not applicable

## 7. Handling and storage

### 7.1 Precautions for safe handling

For household settings: Do not expose to heat and flame. Use only in ventilated area.

For non-household settings: Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid heat and ignition sources. Do not breathe vapours.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage Keep container tightly closed in a dry and well areas and containers ventilated. Stored in fireproof area.

### 7.3 Specific end use(s)

This is a cosmetic product that is safe for consumers

## 8. Exposure controls/personal protection

### 8.1 Control parameters

Application area: Consumers/warehouse workers

Exposure: Skin contact

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Inhalation

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Ingestion Value: No data available

Calculated no-effect concentration

Environment area: fresh water, seawater, sediment, soil, waste water treatment.

Value: No data available

Component: ethanol CAS-nr. 64-17-5

Other related limit value

Regulation: Sweden, Limit value list

Limit value list: TLV (SE)

Typical value: TWA

Value 1000mg/m<sup>3</sup>

Typical value: Short-term value

Value: 1900 mg/m<sup>3</sup>

### 8.2 Exposure controls

Personal protective equipment

For household settings: This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

For non-household settings:

Inhalation protection: Use in well-ventilated area. Avoid excessive inhalation, contact with eyes or skin. When exposed to large quantities use breathing apparatus.

Hand protection: This is a cosmetic product for skin use. When handling large quantities use gloves and other protective clothing to protect skin contact

Eye contact: Use safety glasses if splash hazards exist.

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

Environmental exposure controls

General advice: Do not allow material to contaminate ground water system. If the product contaminates rivers and lakes or drains inform respective authorities.

## 9. Physical and chemical properties

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Form: Liquid

Colour: Orange

Odour: Perfume

Flash point: 21 °C

Density: 0,84-0,86 g/l

Water solubility: Soluble

Explosive properties: Explosive mixtures may form with air.

Oxidized properties: No data available

#### 9.2 Further information

No data available

## 10. Stability and reactivity

### SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity: Stable under recommended storage conditions

10.2. Chemical stability: Stable under recommended storage conditions

10.3. Possibility of hazardous reactions: No decomposition if stored and applied as directed.

10.4. Conditions to avoid: Stored away from heat and ignition sources.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, acids, peroxides

10.6. Hazardous decomposition products No data available

## 11. Toxicological information

No data available for the product, the following data is based on the main component (ethanol)

### 11.1. Information on toxicological effects

Acute toxicity

Ingestion: Irritating in mouth and throat, vomiting, dizziness, headache

Inhalation: Large quantities may be irritating in nose and throat, dizziness, headache

Skin contact: Large quantities may be irritating to skin.

Eye contact: Irritating.

Acute oral toxicity LD50 5000 mg/kg Species: rat

Acute inhalation toxicity: LD50 >1800 mg/kg Species: rat

Acute dermal toxicity: No data available

## 12. Ecological information

No data available for the product, the following data is based on the main component (ethanol).

### 12.1 Toxicity

Toxicity to fish LC<sub>50</sub> 96h 1100 mg/l

Toxicity to daphnia and other

aquatic invertebrates EC<sub>50</sub> Daphnia 48 h: 9300 mg/l

Toxicity to algae EC<sub>50</sub> algae 168h: 5000 mg/l

### 12.2 Persistence and degradability

Persistence: No data available

## Safety Data Sheet Cosmetic Product (EdT)

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Biodegradability: 84 %

**12.3. Bioaccumulative potential** No data available**12.4 Mobility in soil** The product evaporates quickly.**12.5. Results of PBT and vPvB assessment** No data available**12.6. Endocrine disrupting properties.** No data available**12.7. Other adverse effects** Large quantities may be harmful to aquatic organisms**13. Disposal considerations****13.1 Waste treatment methods**

Product: The product should not be allowed to enter drains.

Packaging: Dispose of in accordance with local regulations

**14. Transport information****14.1. UN number** 1266**14.2. Official transport classification** Perfumery products with flammable solvents**14.3. Hazard Identification Number**

ADR-Class 3

Labels, classification code, tunnel restriction code: 3; F1; 33; (D/E)

RID-Class 3

Labels, classification code, hazard code: 3; F1; 33

IMDG-Class 3

Labels; EmS 3; F-E, S-D

**14.4. Packaging group**

ADR : II

RID : II

IMDG : II

Limited Quantity: 5 L

**14.5. Environmentally hazardous** No**14.6. Special precautions** Not applicable**14.7. Bulk transport according to annex II MARPOL 73/78 and IBC code:** Not applicable**15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other directives: AFS 2005:17 Arbetarskyddsstyrelsens Författningssamling: HYGIENISKA GRÄNSVÄRDEN OCH ÅTGÄRDER MOT LUFTFÖRORENINGAR; SÄIFS 1997:3

Sprängämnesinspektionens författningssamling. "Hantering av vätska med flampunkt &lt; 100°C krävs tillstånd",

Seveso Directive.

**15.2 Chemical Safety Assessment**

no data available

**16. Other information, including date of preparation or last revision**

Full text of relevant R- and H-phrases

H225 Highly flammable liquid or vapour

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H411 Toxic to aquatic life with long lasting effects

## Safety Data Sheet Cosmetic Product (EdT)

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H412 Harmful to aquatic life with long lasting effects

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The above information is based upon our current knowledge, and concerns the product in the consumer packaging. The information is given for safety awareness, and not to ensure any properties of the product. This document is guidance about the hazards and precautions associated with handling of the product. The responsibility that the product is used correctly is obligated to the user.

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

## 1. Identification

**H&M Product name:** Eau de Toilette Coconut Escape

**H&M Product number:** 1317888

**Use of the substance/preparation:** Cosmetics

**Supplier name:** Hardford AB

**Supplier address and phone:** N. Svedengatan 30, 58273 Linköping, Sweden Phone +46 13 233100

## 2. Hazard(s) identification

### SECTION 2: HAZARDS IDENTIFICATION

This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

#### 2.1 Classification of the substance or mixture

Classification Regulation EC1272/2008

H225 Highly flammable liquid or vapour

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

#### 2.2 Label elements

Labelling Regulation EC1272/2008

Hazard pictograms



The product is exempt from CLP labeling as it is a cosmetic product. The flammability labelling is included according to Cosmetic Europe guidelines.

#### 2.3 Other hazards

Explosive mixtures may form with air if large quantities of products are released in unventilated area.

## 3. Composition/information on ingredients

### 3.2 MIXTURE

#### CHEMICAL CHARACTERIZATION

Alcohol Denat., Aqua, Parfum, Benzyl Salicylate, Vanillin, Ethylhexyl Methoxycinnamate, Alpha-Isomethyl Ionone, Hexyl Cinnamal, Tetramethyl Acetyloctahydronaphthalenes, Geranyl Acetate, Linalyl Acetate, Coumarin, Hydroxycitronellal, Linalool, Ethylhexyl Salicylate, Butyl Methoxydibenzoylmethane, Acetyl

## Safety Data Sheet Cosmetic Product (EdT)

Version 01 2025-11-27

Cedrene, Cananga Odorata Oil/Extract, Citronellol, Citrus Aurantium Peel Oil, Limonene, Geraniol, Isoeugenyl Acetate, Beta-Caryophyllene, Benzyl Benzoate, Sodium Sulfate, Sodium Chloride, Citric Acid, Triethanolamine, CI 60730, CI 19140, CI 16035

Following fragrance allergens have to be declared on the product according to European Cosmetic Regulation 1223/2009/EC: Vanillin, Alpha-Isomethyl Ionone, Hexyl Cinnamal, Tetramethyl Acetyloctahydronaphthalenes, Benzyl Salicylate, Geranyl Acetate, Linalyl Acetate, Coumarin, Hydroxycitronellal, Linalool, Acetyl Cedrene, Cananga Odorata Oil/Extract, Citronellol, Citrus Aurantium Peel Oil, Limonene, Geraniol, Isoeugenyl Acetate, Beta-Caryophyllene, Benzyl Benzoate

**HAZARDOUS COMPONENTS**

| INGREDIENT                         | HAZARD SYMBOL<br>(CE) No 1272/2008                                     | CONCENTRATION<br>(w/w) | REGISTRATION<br>NUMBER |
|------------------------------------|------------------------------------------------------------------------|------------------------|------------------------|
| Alcohol<br>Denat.<br>CAS : 64-17-5 | FLAM. LIQ. 2 H225<br>EYE IRRIT. 2 H319                                 | 70-80 %                | 01-2119457610-43-XXXX  |
| Parfum<br>CAS : N/A                | SKIN SENS. 1, H317<br>EYE IRRIT. 2, H319<br>AQUATIC CHRONIC 2,<br>H411 | 5-10 %                 | N/A                    |

**4. First aid measures**

Eye contact: Rinse with plenty of water. If any discomfort or irritation persists, contact a physician.  
 Skin contact: This is a cosmetic product for skin use. If any skin problem occurs, discontinue use of product. If discomfort persists, contact a physician.  
 Inhalation: If respiratory irritation occurs, remove individual to fresh air. If problem persists, contact a physician. Start artificial respiration if needed.  
 Ingestion: Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. If problem persists, contact a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

See section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5. Fire-fighting measures****5.1 Extinguishing media**

Suitable Extinguishing Media: Water spray, Carbon dioxide, Dry powder, Foam

Unsuitable extinguishing media :Water

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting: Flammable material. Explosive mixtures may form with air.

**5.3 Advice for firefighters**

Special protective equipment for firefighters: Use self-contained breathing apparatus and full protective gear, if large quantities of product involved.

Further information: Hazardous decomposition products may be released

**6. Accidental release measures****6.1 - PERSONAL PRECAUTIONS**

For household settings: Ventilate and eliminate all ignition sources. Dilute with water.

For non-household settings: Ventilate area and eliminate all ignition sources. Avoid contact with skin and eyes. Use personal protective equipment.

**6.2 Environmental precautions**

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

Environmental precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and materials for containment and cleaning up

For household settings: Absorb liquid and scrub the area with detergent.

For non-household settings: Soak up with absorbent material (e.g. sand, silica gel, universal binder).

Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

Not applicable

## 7. Handling and storage

### 7.1 Precautions for safe handling

For household settings: Do not expose to heat and flame. Use only in ventilated area.

For non-household settings: Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid heat and ignition sources. Do not breathe vapours.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage Keep container tightly closed in a dry and well areas and containers ventilated. Stored in fireproof area.

### 7.3 Specific end use(s)

This is a cosmetic product that is safe for consumers

## 8. Exposure controls/personal protection

### 8.1 Control parameters

Application area: Consumers/warehouse workers

Exposure: Skin contact

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Inhalation

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Ingestion Value: No data available

Calculated no-effect concentration

Environment area: fresh water, seawater, sediment, soil, waste water treatment.

Value: No data available

Component: ethanol CAS-nr. 64-17-5

Other related limit value

Regulation: Sweden, Limit value list

Limit value list: TLV (SE)

Typical value: TWA

Value 1000mg/m<sup>3</sup>

Typical value: Short-term value

Value: 1900 mg/m<sup>3</sup>

### 8.2 Exposure controls

Personal protective equipment

For household settings: This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

For non-household settings:

Inhalation protection: Use in well-ventilated area. Avoid excessive inhalation, contact with eyes or skin. When exposed to large quantities use breathing apparatus.

Hand protection: This is a cosmetic product for skin use. When handling large quantities use gloves and other protective clothing to protect skin contact

Eye contact: Use safety glasses if splash hazards exist.

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Environmental exposure controls

General advice: Do not allow material to contaminate ground water system. If the product contaminates rivers and lakes or drains inform respective authorities.

## 9. Physical and chemical properties

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Form: Liquid

Colour: Orange

Odour: Perfume

Flash point: 21 °C

Density: 0,84-0,86 g/l

Water solubility: Soluble

Explosive properties: Explosive mixtures may form with air.

Oxidized properties: No data available

#### 9.2 Further information

No data available

## 10. Stability and reactivity

### SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity: Stable under recommended storage conditions

10.2. Chemical stability: Stable under recommended storage conditions

10.3. Possibility of hazardous reactions: No decomposition if stored and applied as directed.

10.4. Conditions to avoid: Stored away from heat and ignition sources.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, acids, peroxides

10.6. Hazardous decomposition products No data available

## 11. Toxicological information

No data available for the product, the following data is based on the main component (ethanol)

### 11.1. Information on toxicological effects

Acute toxicity

Ingestion: Irritating in mouth and throat, vomiting, dizziness, headache

Inhalation: Large quantities may be irritating in nose and throat, dizziness, headache

Skin contact: Large quantities may be irritating to skin.

Eye contact: Irritating.

Acute oral toxicity LD50 5000 mg/kg Species: rat

Acute inhalation toxicity: LD50 >1800 mg/kg Species: rat

Acute dermal toxicity: No data available

## 12. Ecological information

No data available for the product, the following data is based on the main component (ethanol).

### 12.1 Toxicity

Toxicity to fish LC<sub>50</sub> 96h 1100 mg/l

Toxicity to daphnia and other

aquatic invertebrates EC<sub>50</sub> Daphnia 48 h: 9300 mg/l

Toxicity to algae EC<sub>50</sub> algae 168h: 5000 mg/l

### 12.2 Persistence and degradability

Persistence: No data available

## Safety Data Sheet Cosmetic Product (EdT)

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Biodegradability: 84 %

**12.3. Bioaccumulative potential** No data available**12.4 Mobility in soil** The product evaporates quickly.**12.5. Results of PBT and vPvB assessment** No data available**12.6. Endocrine disrupting properties.** No data available**12.7. Other adverse effects** Large quantities may be harmful to aquatic organisms**13. Disposal considerations****13.1 Waste treatment methods**

Product: The product should not be allowed to enter drains.

Packaging: Dispose of in accordance with local regulations

**14. Transport information****14.1. UN number** 1266**14.2. Official transport classification** Perfumery products with flammable solvents**14.3.** Hazard Identification Number

ADR-Class 3

Labels, classification code, tunnel restriction code: 3; F1; 33; (D/E)

RID-Class 3

Labels, classification code, hazard code: 3; F1; 33

IMDG-Class 3

Labels; EmS 3; F-E, S-D

**14.4. Packaging group**

ADR : II

RID : II

IMDG : II

Limited Quantity: 5 L

**14.5. Environmentally hazardous** No**14.6. Special precautions** Not applicable**14.7. Bulk transport according to annex II MARPOL 73/78 and IBC code:** Not applicable**15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other directives: AFS 2005:17 Arbetarskyddsstyrelsens Författningssamling: HYGIENISKA GRÄNSVÄRDEN OCH ÅTGÄRDER MOT LUFTFÖRORENINGAR; SÄIFS 1997:3

Sprängämnesinspektionens författningssamling. "Hantering av vätska med flampunkt &lt; 100°C krävs tillstånd",

Seveso Directive.

**15.2 Chemical Safety Assessment**

no data available

**16. Other information, including date of preparation or last revision**

Full text of relevant R- and H-phrases

H225 Highly flammable liquid or vapour

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H411 Toxic to aquatic life with long lasting effects

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

H412 Harmful to aquatic life with long lasting effects

**DISCLAIMER**

DISCLAIMER: Please notify that this document is a summary of our knowledge and guidance regarding use of this product. It is NOT a complete Safety Data Sheet according to 1907/2006/EC.

The above information is based upon our current knowledge, and concerns the product in the consumer packaging. The information is given for safety awareness, and not to ensure any properties of the product. This document is guidance about the hazards and precautions associated with handling of the product. The responsibility that the product is used correctly is obligated to the user.

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

## 1. Identification

**H&M Product name:** Eau de Toilette Wild Strawberry

**H&M Product number:** 1317886

**Use of the substance/preparation:** Cosmetics

**Supplier name:** Hardford AB

**Supplier address and phone:** N. Svedengatan 30, 58273 Linköping, Sweden Phone +46 13 233100

## 2. Hazard(s) identification

### SECTION 2: HAZARDS IDENTIFICATION

This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

#### 2.1 Classification of the substance or mixture

Classification Regulation EC1272/2008

H225 Highly flammable liquid or vapour

H319 Causes serious eye irritation

H411 Toxic to aquatic life with long lasting effects

#### 2.2 Label elements

Labelling Regulation EC1272/2008

Hazard pictograms



The product is exempt from CLP labeling as it is a cosmetic product. The flammability labelling is included according to Cosmetic Europe guidelines.

#### 2.3 Other hazards

Explosive mixtures may form with air if large quantities of products are released in unventilated area.

## 3. Composition/information on ingredients

### 3.2 MIXTURE

#### CHEMICAL CHARACTERIZATION

Alcohol Denat., Aqua, Parfum, Hexamethylindanopyran, Tetramethyl Acetyloctahydronaphthalenes, Ethylhexyl Methoxycinnamate, Hydroxycitronellal, Geranyl Acetate, Juniperus Virginiana Oil, Ethylhexyl Salicylate, Butyl Methoxydibenzoylmethane, Pinene, Geraniol, Rose Ketones, Anethole, Citronellol, Citric Acid, Triethanolamine, Sodium Chloride, Sodium Sulfate, CI 14700, CI 19140

## Safety Data Sheet Cosmetic Product (EdT)

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Following fragrance allergens have to be declared on the product according to European Cosmetic Regulation 1223/2009/EC: Hexamethylindanopyran, Tetramethyl Acetyloctahydronaphthalenes, Hydroxycitronellal, Geranyl Acetate, Juniperus Virginiana Oil, Pinene, Geraniol, Rose Ketones, Anethole, Citronellol

## HAZARDOUS COMPONENTS

| INGREDIENT                         | HAZARD SYMBOL<br>(CE) No 1272/2008                                     | CONCENTRATION<br>(w/w) | REGISTRATION<br>NUMBER |
|------------------------------------|------------------------------------------------------------------------|------------------------|------------------------|
| Alcohol<br>Denat.<br>CAS : 64-17-5 | FLAM. LIQ. 2 H225<br>EYE IRRIT. 2 H319                                 | 70-80 %                | 01-2119457610-43-XXXX  |
| Parfum<br>CAS : N/A                | SKIN SENS. 1, H317<br>EYE IRRIT. 2, H319<br>AQUATIC CHRONIC 1,<br>H410 | 5-10 %                 | N/A                    |

**4. First aid measures**

Eye contact: Rinse with plenty of water. If any discomfort or irritation persists, contact a physician.  
 Skin contact: This is a cosmetic product for skin use. If any skin problem occurs, discontinue use of product. If discomfort persists, contact a physician.  
 Inhalation: If respiratory irritation occurs, remove individual to fresh air. If problem persists, contact a physician. Start artificial respiration if needed.  
 Ingestion: Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. If problem persists, contact a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

See section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5. Fire-fighting measures****5.1 Extinguishing media**

Suitable Extinguishing Media: Water spray, Carbon dioxide, Dry powder, Foam

Unsuitable extinguishing media :Water

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting: Flammable material. Explosive mixtures may form with air.

**5.3 Advice for firefighters**

Special protective equipment for firefighters: Use self-contained breathing apparatus and full protective gear, if large quantities of product involved.

Further information: Hazardous decomposition products may be released

**6. Accidental release measures****6.1 - PERSONAL PRECAUTIONS**

For household settings: Ventilate and eliminate all ignition sources. Dilute with water.

For non-household settings: Ventilate area and eliminate all ignition sources. Avoid contact with skin and eyes. Use personal protective equipment.

**6.2 Environmental precautions**

Environmental precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and materials for containment and cleaning up**

Safety Data Sheet Cosmetic Product (EdT)  
Version 01 2025-11-27

For household settings: Absorb liquid and scrub the area with detergent.  
For non-household settings: Soak up with absorbent material (e.g. sand, silica gel, universal binder).  
Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

Not applicable

**7. Handling and storage**

**7.1 Precautions for safe handling**

For household settings: Do not expose to heat and flame. Use only in ventilated area.  
For non-household settings: Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid heat and ignition sources. Do not breathe vapours.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage Keep container tightly closed in a dry and well areas and containers ventilated. Stored in fireproof area.

**7.3 Specific end use(s)**

This is a cosmetic product that is safe for consumers

**8. Exposure controls/personal protection**

**8.1 Control parameters**

Application area: Consumers/warehouse workers

Exposure: Skin contact

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Inhalation

Value: No data available

Application area: Consumers/warehouse workers

Exposure: Ingestion Value: No data available

Calculated no-effect concentration

Environment area: fresh water, seawater, sediment, soil, waste water treatment.

Value: No data available

Component: ethanol CAS-nr. 64-17-5

Other related limit value

Regulation: Sweden, Limit value list

Limit value list: TLV (SE)

Typical value: TWA

Value 1000mg/m<sup>3</sup>

Typical value: Short-term value

Value: 1900 mg/m<sup>3</sup>

**8.2 Exposure controls**

Personal protective equipment

For household settings: This is a cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

For non-household settings:

Inhalation protection: Use in well-ventilated area. Avoid excessive inhalation, contact with eyes or skin. When exposed to large quantities use breathing apparatus.

Hand protection: This is a cosmetic product for skin use. When handling large quantities use gloves and other protective clothing to protect skin contact

Eye contact: Use safety glasses if splash hazards exist.

Environmental exposure controls

General advice: Do not allow material to contaminate ground water system. If the product contaminates rivers and lakes or drains inform respective authorities.

## 9. Physical and chemical properties

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Form: Liquid

Colour: Light pink

Odour: Perfume

Flash point: 21 °C

Density: 0,84-0,86 g/l

Water solubility: Soluble

Explosive properties: Explosive mixtures may form with air.

Oxidized properties: No data available

#### 9.2 Further information

No data available

## 10. Stability and reactivity

### SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity: Stable under recommended storage conditions

10.2. Chemical stability: Stable under recommended storage conditions

10.3. Possibility of hazardous reactions: No decomposition if stored and applied as directed.

10.4. Conditions to avoid: Stored away from heat and ignition sources.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, acids, peroxides

10.6. Hazardous decomposition products No data available

## 11. Toxicological information

No data available for the product, the following data is based on the main component (ethanol)

### 11.1. Information on toxicological effects

Acute toxicity

Ingestion: Irritating in mouth and throat, vomiting, dizziness, headache

Inhalation: Large quantities may be irritating in nose and throat, dizziness, headache

Skin contact: Large quantities may be irritating to skin.

Eye contact: Irritating.

Acute oral toxicity LD50 5000 mg/kg Species: rat

Acute inhalation toxicity: LD50 >1800 mg/kg Species: rat

Acute dermal toxicity: No data available

## 12. Ecological information

No data available for the product, the following data is based on the main component (ethanol).

### 12.1 Toxicity

Toxicity to fish LC<sub>50</sub> 96h 1100 mg/l

Toxicity to daphnia and other

aquatic invertebrates EC<sub>50</sub> Daphnia 48 h: 9300 mg/l

Toxicity to algae EC<sub>50</sub> algae 168h: 5000 mg/l

### 12.2 Persistence and degradability

Persistence: No data available

Biodegradability: 84 %

12.3. Bioaccumulative potential No data available

12.4 Mobility in soil The product evaporates quickly.

Safety Data Sheet Cosmetic Product (EdT)  
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**12.5. Results of PBT and vPvB assessment** No data available  
**12.6. Endocrine disrupting properties.** No data available  
**12.7. Other adverse effects** Large quantities may be harmful to aquatic organisms

**13. Disposal considerations**

**13.1 Waste treatment methods**

Product: The product should not be allowed to enter drains.

Packaging: Dispose of in accordance with local regulations

**14. Transport information**

**14.1. UN number** 1266

**14.2. Official transport classification** Perfumery products with flammable solvents

**14.3. Hazard Identification Number**

ADR-Class 3

Labels, classification code, tunnel restriction code: 3; F1; 33; (D/E)

RID-Class 3

Labels, classification code, hazard code: 3; F1; 33

IMDG-Class 3

Labels; EmS 3; F-E, S-D

**14.4. Packaging group**

ADR : II

RID : II

IMDG : II

Limited Quantity: 5 L

**14.5. Environmentally hazardous** Yes

**14.6. Special precautions** Not applicable

**14.7. Bulk transport according to annex II MARPOL 73/78 and IBC code:** Not applicable

**15. Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other directives: AFS 2005:17 Arbetarskyddsstyrelsens Författningssamling: HYGIENISKA GRÄNSVÄRDEN OCH ÅTGÄRDER MOT LUFTFÖRORENINGAR; SÄIFS 1997:3

Sprängämnesinspektionens författningssamling. "Hantering av vätska med flampunkt < 100°C krävs tillstånd",

Seveso Directive.

**15.2 Chemical Safety Assessment**

no data available

**16. Other information, including date of preparation or last revision**

Full text of relevant R- and H-phrases

H225 Highly flammable liquid or vapour

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H410 Very Toxic to aquatic life with long lasting effects

H411 Toxic to aquatic life with long lasting effects

## Safety Data Sheet Cosmetic Product (EdT)

Version 01 2025-11-27

**DISCLAIMER**

DISCLAIMER: Please notify that this document is a summary of our knowledge and guidance regarding use of this product. It is NOT a complete Safety Data Sheet according to 1907/2006/EC.

The above information is based upon our current knowledge, and concerns the product in the consumer packaging. The information is given for safety awareness, and not to ensure any properties of the product. This document is guidance about the hazards and precautions associated with handling of the product. The responsibility that the product is used correctly is obligated to the user.

## MULTIMODAL DANGEROUS GOODS FORM

|                                                                                                                                                                                                                                                                                                                                    |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                  |                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------|--|
| 1 Shipper/Consignor/sender<br><b>SAFT AB</b><br><b>Jungnergatan</b><br><br><b>572 32 Oskarshamn</b><br><b>SWEDEN</b>                                                                                                                                                                                                               |                                               | 2 Transport document number                                                                                                                                                                                                                                                                                                                                                                                                             |                                  | 3 Page <b>1</b> of <b>1</b> pages                                                                                                                                                                                                                                                                                                                 |                                                          | 4 Shipper's reference<br><b>SHP63387-1</b> |  |
| 6 Consignee<br><b>TROOP Y COMPANIA, S.A. DE C.V.</b><br><b>GOLFO DE TEHUANTEPEC NO. 10</b><br><b>COL. TACUBA, DEL. MIGUEL HIDALGO RFC: TRO-990709-</b><br><b>11410 CIUDAD DE MÉXICO</b><br><b>MEXICO</b>                                                                                                                           |                                               | 7 Carrier (to be completed by the carrier)<br><b>GEODIS SWEDEN AB</b>                                                                                                                                                                                                                                                                                                                                                                   |                                  | SHIPPER'S DECLARATION<br>I hereby declare that the contents of this consignment are fully and accurately described below by Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to applicable international and national government regulations |                                                          |                                            |  |
| 8 This shipment is within limitations prescribed for:<br>(Delete non-applicable)<br><del>PASSENGER AND</del> <del>CARGO AIRCRAFT</del><br><del>CARGO AIRCRAFT</del> <del>ONLY</del>                                                                                                                                                |                                               | 9 Additional handling information<br><b>TRANSPORT ENLIGHT 1.1.4.2.1 / Carriage in accordance with 1.1.4.2.1 (ADR)</b>                                                                                                                                                                                                                                                                                                                   |                                  | Emergency Telephone No. <b>24-hour number: CHEMTREC + 1703-527-3887/CCN19445</b>                                                                                                                                                                                                                                                                  |                                                          |                                            |  |
| 10 Vessel/flight No. and date<br><b>SHIP</b>                                                                                                                                                                                                                                                                                       | 11 Port/Place of loading<br><b>GOTHENBURG</b> | 12 Port/Place of discharge<br><b>VERACRUZ</b>                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                            |  |
| 13 Destination<br><b>CIUDAD DE</b>                                                                                                                                                                                                                                                                                                 |                                               | 14 Shipping marks<br>*Number and kind of packages; description of goods<br><b>TROOP ORDER PO-12401 OIV:P6069 CIUDAD DE MEXICO VIA VERACRUZ MADE IN SWEDEN</b><br><b>UN 2795,BATTERIES, WET, FILLED, WITH ALKALI CLASS 8, , (E)</b><br><b>EmS: F-A, S-B</b><br><b>1 CS</b><br><b>Plywood Boxes on Pallets S.T.C.</b><br><b>2 Battery Blocks, Brand New Batteries of Swedish Origin</b><br><b>IMDG Code Segregation Group 18, Alkalis</b> |                                  |                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                            |  |
| 15 Container identification No./ Vehicle registration No.                                                                                                                                                                                                                                                                          |                                               | 16 Seal number(s)                                                                                                                                                                                                                                                                                                                                                                                                                       | 17 Container/vehicle size & type | 18 Tare mass (kg)                                                                                                                                                                                                                                                                                                                                 | 19 Total Gross mass (including tare) (kg)<br><b>40.0</b> |                                            |  |
| CONTAINER/VEHICLE PACKING CERTIFICATE<br><br>I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions.**<br><b>MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING.</b> |                                               | 21 RECEIVING ORGANIZATION RECEIPT<br><br>Receiving the above number of package/containers/trailers in apparant good order and condition, unless stated hereon: RECEIVING ORGANIZATION<br><b>REMARKS:</b>                                                                                                                                                                                                                                |                                  |                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                            |  |
| 20 Name of company<br><br><b>SAFT AB</b>                                                                                                                                                                                                                                                                                           |                                               | Haulier's name                                                                                                                                                                                                                                                                                                                                                                                                                          |                                  | 22 Name of company<br>(OF SHIPPER PREPARING THIS NOTE)<br><b>SAFT AB</b>                                                                                                                                                                                                                                                                          |                                                          |                                            |  |
| Name/Status of declarant                                                                                                                                                                                                                                                                                                           |                                               | Vehicle reg no.                                                                                                                                                                                                                                                                                                                                                                                                                         |                                  | Name/Status of declarant<br><b>Malin Gärdsfält</b>                                                                                                                                                                                                                                                                                                |                                                          |                                            |  |
| Place and date<br><b>Oskarshamn 2026-03-23</b>                                                                                                                                                                                                                                                                                     |                                               | Signature and date                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  | Place and date<br><b>Oskarshamn 2026-03-12</b>                                                                                                                                                                                                                                                                                                    |                                                          |                                            |  |
| Signature of declarant                                                                                                                                                                                                                                                                                                             |                                               | DRIVER'S SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  | Signature of declarant<br>                                                                                                                                                                                                                                   |                                                          |                                            |  |

\* DANGEROUS GOODS: YOU MUST SPECIFY: PROPER SHIPPING NAME, HAZARD CLASS UN NO., PACKAGING GROUP, (WHERE ASSIGNED) MARINE POLLUTANT AND OBSERVE THE MANDATORY REQUIREMENTS UNDER APPLICABLE NATIONAL AND INTERNATIONAL GOVERNMENT REGULATIONS. FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.1.1

\*\* FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.2

Shipper

GEODIS SWEDEN AB  
AGENT FOR CARGO CONTAINER LINE LTD  
ROSENLUNDSGATAN 8, PO BOX 7091  
SE-402 32 GOTHENBURG, SWEDEN  
VAT:SE556056060501 PH:+46101631241

B/L No.

85 064

Carrier:

**saco**  
SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

Consigned to order of

GEODIS MEXICO, S.A. DE C.V.  
AV. INSURGENTES SUR 1602, P.18 COL.CREDITO  
CONSTRUCTOR, BENITO JUAREZ, C.P. 03940,  
CDMX, MEXICO  
RFC: GWM790307NB0

Notify Party and address

SAME AS CONSIGNEE  
EMAIL: cinthya.leon@geodis.com  
TEL: +52 (55) 11070010

Precarriage by

Place of receipt

GOTHENBURG

Ocean vessel

GSL MARIA

Port of loading

HAMBURG

Port of discharge

VERACRUZ

Place of delivery

VERACRUZ CFS

Freight payable

GOTHENBURG

Number of original Bills of Lading

0/EXPRESS

**Copy not negotiable**

Marks and Nos.

Quantity of Goods

Description of Goods

Gross weight, kg

Measurement, m<sup>3</sup>

TROOP ORDER  
PO-12401 - O6069  
OIV:P6069  
CIUDAD DE  
MEXICO  
VIA VERACRUZ  
MADE IN SWEDEN

1 CASE 1 CS BATTERIES, WET, FILLED, WITH ALKALI  
IMO 8, UN2795  
NET MASS: 25,0 KGS  
GROSS MASS: 40,0 KGS  
HS CODE: 85073080

40,000

0,200

FREIGHT PREPAID

LOADED INTO CONTAINER NO:

SEAL NO:

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM S.A. DE C.V.  
SERVICIOS INTERN. DE COMMERIO  
COLIMA 114 DESPACHO 201  
COL.ROMA C.P. 06700 MEXICO D.F.  
DANIELA.BORJA@INTERTEAM.COM.MX, MEXICO  
PH: 005255146915, FAX: 005252087989

Declared Value of the goods (see clause 12)

US\$

Ad valorem freight paid:

**Note:**

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay.

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above. The Carrier in accordance with the provisions contained on this side and on the reverse side of this document:

- a) undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
- b) assumes liability as prescribed in this document for such transport.

One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.

IN WITNESS whereof three (3) original Bills of Lading have been signed. If not otherwise stated above, one of which being accomplished the other(s) to be void.

Place and date of issue

GOTHENBURG 2026-03-27

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**Tellus Shipping AB**

Orrekulla industrigata 13-15  
42536 Hisings Kärra  
Sweden

As agent only for SACO SHIPPING LINE LIMITED LIMASSOL

**saco**

A Member of  
**WorldWideAlliance**



# Battery Information Sheet

## *Industrial Nickel-Cadmium cells, modules and battery systems*

According to REACH regulation (EC 1907/2006, Art 31) and to OSHA regulation (29 CFR 1910.1200), batteries are **ARTICLES** with no intended release. As such, they are not covered by legal requirements to generate and supply an SDS or an MSDS.

This Battery Information Sheet is provided solely as an information document for the purpose of assisting our customers, as an “Article Safety Datasheet”.

### 1. IDENTIFICATION

#### 1.1 Product

Industrial Ni-Cd cells and modules or battery systems composed of these cells

#### 1.2 Supplier

|                                             |                                                                                                                                                                 |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Headquarters</b><br>Address<br>Phone/Fax | <b>Saft S.A.S</b><br>26 quai Charles Pasqua, 92300 LEVALLOIS-PERRET – France<br>Phone / Fax : +33 1 58 63 16 00/+33 1 58 63 16 18                               |
| <b>Factory</b><br>Address<br>Phone/Fax      | <b>Saft Bordeaux</b><br>111-113, boulevard Alfred Daney, 33074 BORDEAUX – France<br>+ 33(0)5 57 10 64 00- +33(0)5 57 10 68 77                                   |
| <b>Factory</b><br>Address<br>Phone/Fax      | <b>Saft AB</b><br>Jungnergaten – Box 709 SE-572 28 OSKARSHAMN- Sweden<br>+46 491 68 000/ +46 491 68 180                                                         |
| <b>Factory</b><br>Address<br>Phone/Fax      | <b>Saft Nersac</b><br>Zone industrielle, 16440 NERSAC – France<br>+33 (0)5 45 90 50 26 /+ 33(0)5 45 90 50 71                                                    |
| <b>Factory</b><br>Address<br>Phone/Fax      | <b>Saft Ferak a.s</b><br>Raskovice 247, 73904 PRAZMO – Czech Republic<br>+420 558 426 257/ +420 558 426 300                                                     |
| <b>Factory</b><br>Address<br>Phone/Fax      | <b>Saft Valdosta</b><br>711, Industrial Boulevard, VALDOSTA, GA 31601 –USA<br>Tel/ Fax : +1 229 247 2331/ +1 229 247 8486                                       |
| <b>Factory</b><br>Address<br>Phone/Fax      | <b>Saft Batteries Co., Ltd.</b><br>Zhuhai Free Trade Zone, Lianfeng Road, ZHUHAI 519030, Provinz Guangdong – China<br>+86 756 881 9318/+86 756 881 9328         |
| <b>Factory</b><br>Address<br>Phone/Fax      | <b>Saft India Ltd.</b><br>Plot No. 10/1 A, 1B & 1C, Abbanakuppe, Bidadi Industria Area, Bangalore 562109 Karnataka – India<br>+91 80 2728 7947/+91 80 2728 7716 |
| <b>Factory</b><br>Address<br>Phone/Fax      | <b>Saft Poitiers</b><br>Rue Georges Leclanché - BP n°1089, 86060 POITIERS Cedex 9 – France<br>+33(0)5 49 55 48 48/ + 33 (0)5 49 55 48 50                        |

#### 1.3 Emergency contact

**Chemtrec US Service within the USA: + 1 800 424 93 00/outside: +1 703 527 3887**



## 2. HAZARD IDENTIFICATION

### 2.1 At cell level

Not chemically dangerous with normal use, where the electrode materials and the electrolyte are enclosed within the cell. In particular, the battery should not be opened or burned. Exposure to /Ingestion of the ingredients contained within could be harmful.

**EYE CONTACT:** contents of an opened cell (electrolyte) within a battery can cause severe burns.

**SKIN CONTACT:** Electrolyte solution inside cells can cause severe burns

### 2.2 At module and battery system level

**HIGH VOLTAGE:** Systems with voltages  $\geq 100$  volts should always be kept in a restricted access area. Only authorized people aware of high voltage hazards and trained to work on such systems are allowed to enter in the battery area.

**TEMPERATURE:** Do not place the batteries on or near fires or other high-temperature locations ( $> 70^{\circ}\text{C}$ ).

## 3. COMPOSITION, INFORMATION OR INGREDIENTS

### 3.1 At cells and modules level

| Component                    | CAS Number | EINECS/ELINCS | Content (wt. %)* |
|------------------------------|------------|---------------|------------------|
| Active nickel**              | 12054-48-7 | 235-008-5     | 4-15             |
| Active cadmium***            | 21041-95-2 | 244-168-5     | 7-12             |
| Cobalt                       | 21041-93-0 | 244-166-4     | 0-2              |
| Alkaline electrolyte (pH=14) | N/A        | N/A           | 14-40            |
| Plastics                     | N/A        | N/A           | 5-20             |
| Steel                        | N/A        | N/A           | 10-40            |
| Nickel                       | 7440-02-0  | 231-111-4     | 5-20             |
| Copper                       | 7440-50-8  | 231-159-6     | 0-10             |

\* Quantities may vary with cell model

\*\* Active nickel present as  $\text{Ni}(\text{OH})_2$  and  $\text{NiOOH}$

\*\*\*Active cadmium present as  $\text{Cd}(\text{OH})_2$  and  $\text{Cd}$  : the cells and modules, depending on the state of charge, contain cadmium (CAS 7440-43-9, EINECS 231-152-8), listed on REACH candidate list since June 2013 and cadmium hydroxide (CAS 21041-95-2, EINECS 244-168-5), listed on REACH Candidate List since January 2018

In the course of battery production, active substances detailed in the previous table are embedded in a mechanical substrate to form electrodes. These electrodes are then further assembled with the other battery components such as separator, electrolyte, connectors and casing to obtain a finished battery. This battery is defined in the REACH regulation as “an article with no intended release” meaning that, under normal and reasonably foreseeable conditions of use, no end-user of this battery will be exposed to any chemical substances.

### 3.2 At battery system level

Depending on the application and on customers' requirements, modules are assembled either in a plastic, wood or steel container.

## 4. FIRST AID MEASURES (not anticipated under normal use)

For contact with electrolyte:

**EYE CONTACT:** Rinse immediately with plenty of water during at least 15-30 minutes, **seek** immediate medical attention/treatment

**SKIN CONTACT:** Rinse immediately with plenty of water and seek medical attention/treatment



**INHALATION:** Remove to fresh air, rinse mouth and nose with water and seek immediate medical attention/treatment.

**INGESTION:** If the injured is fully conscious, clear mouth with water and afterwards drink plenty of water. Do not induce vomiting. Send immediately to hospital for medical attention/treatment.

## 5. FIRE FIGHTING MEASURES (not anticipated under normal use)

### EXTINGUISHING MEDIA:

Use Class A, B or C type fire extinguisher and/or sand.  
Do not use water.

### SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should wear self-contained breathing apparatus and full fire-fighting protective clothing.  
If overheated by an external source or by internal shorting, the cell may give off potassium hydroxide mist and/or hydrogen gas.  
In fire situations, fumes containing cadmium and nickel compounds may develop; danger of serious acute damage to health by inhalation of fumes.

## 6. ACCIDENTAL RELEASE MEASURES (not anticipated under normal use)

### INDIVIDUAL PRECAUTIONS:

In case of fire, evacuate the employees from the area until fumes dispersal.  
In case of electrolyte leakage, flush electrolyte spillage with plenty of water and beware risk of slipping/ falling.  
In case of skin or eye contact, inhalation or ingestion, follow the measures described in section 12.

**ENVIRONMENTAL PRECAUTION:** Avoid sewage, surface water and underground water contamination. Avoid ground and atmosphere contamination.

**WAYS OF CLEANING:** Using protective glasses and gloves, use absorbent material (sand, earth or vermiculite) to absorb any exuded material. Seal leaking battery (unless hot) and contaminated absorbent material in plastic bag or suitable leak proof container and send for recycling in accordance with local regulations.

## 7. HANDLING AND STORAGE

**STORAGE:** Store in a dry place. Since short circuit can cause burn hazard, keep batteries in original packaging until use and do not jumble them.

### HANDLING:

- Do not short (+) or (-) terminal with conductors/conductive materials.
- Do not reverse the polarity
- Do not open the battery system or modules
- Do not submit to excessive mechanical stress.

**CHARGING/DISCHARGING:** Refer to Saft Instructions.



## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION\*

Handle an opened battery only in a well-ventilated place.

|  |                               |                                                                                                                                                                                                           |
|--|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Respiratory protection</b> | Fire fighters should wear self-contained breathing apparatus.                                                                                                                                             |
|  | <b>Hand protection</b>        | Use polypropylene, polyethylene, rubber or Viton gloves when handling leaking or ruptured cells.                                                                                                          |
|  | <b>Eye protection</b>         | In case of incident or after an abusive use, in case of a leak or cell opening, wear safety glasses with protected side shields or a mask covering the whole face when handling leaking or ruptured cells |
|  | <b>Other</b>                  | In the event of leakage or ruptured cells, wear a rubber apron and protective clothes.                                                                                                                    |

\*AFNOR pictograms

## 9. PHYSICAL AND CHEMICAL PROPERTIES

The Nickel-Cadmium cell or battery described by this Battery Information Sheet is a manufactured “article” and does not expose the user to hazardous chemicals when used in accordance with manufacturer specifications.

Boiling Point – Not applicable  
Vapor Pressure – Not applicable  
Specific Gravity – Not applicable

Melting Point – Not applicable  
Vapor Density – Not applicable  
Physical shape and colour as supplied

## 10. STABILITY AND REACTIVITY – the battery system is stable when handled and stored according to section 4

**MATERIALS TO AVOID:** Do not fill cells with acidic electrolyte for e.g. lead/acid battery.

**CONDITIONS TO AVOID:** Avoid exposing battery to fire or temperature over 85°C. Do not disassemble, crush or short-circuit the electrode connections or install with incorrect polarity. Avoid deformation/crushing of cells.

## 11. TOXICOLOGICAL INFORMATION

If the cell is mechanically, thermally or electrically abused to the point of compromising the enclosure toxic and hazardous internal components may be exposed.

### - ACUTE TOXICITY

The electrolyte:

|                     |                          |
|---------------------|--------------------------|
| Potassium hydroxide | LD50/oral/rat: 365 mg/kg |
| Lithium hydroxide   | No data available        |

Exposure monitoring performed with the assistance of battery charging area employees between 1993 and 2012 has consistently resulted in no detectable levels of cadmium or nickel.

### - HEALTH HAZARD

Skin contact can cause severe injury.

Eye contact rapidly causes severe damage. Risk of permanent damage.

Ingestion usually results in severe injury. Risk of permanent injuries.

### - ENDOCRINE DISRUPTING PROPERTIES

The product does not contain endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .



## 12. ECOLOGICAL INFORMATION

There is no ecological harm when batteries are used correctly and recycled after use has ended.

Spilled/Released electrolyte: The sharp pH rise may cause harmful impact on fish, plankton and stationary organisms. If released to water bodies, the electrolyte contained in the product can be toxic for aquatic organisms because of alkalinity.

### - ENDOCRINE DISRUPTING PROPERTIES

The product does not contain endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

## 13. DISPOSAL CONSIDERATIONS

As with all battery systems, Ni-Cd cells must be collected separately from other waste and recycled – contact your local Saft representative for information.

Never incinerate Ni-Cd batteries

Never dispose of Ni-Cd batteries in landfills

Europe: End-of-life management must be performed according to directive 2006/66/EC on batteries and accumulators and waste batteries and accumulators as well as its transposition into each European Union's Member State national legislation. Check with Saft or with your national or local environment authority for details.

For this purpose, within the EU and in many other countries, Saft has implemented a network of bring back points which receive waste industrial Ni-Cd batteries free of charge from end-users.

See the section on "Our Sustainability Global Approach" in About us" on [Our Sustainability Global Approach | Saft | Batteries to energize the world](#)

## 14. TRANSPORT INFORMATION

### 14.1 UNITED NATIONS

- UN N°: 2795

### 14.2 INTERNATIONAL CONVENTIONS

- Air: IATA manual
- Sea: IMDG code
- Land Europe: ADR (road) or RID (rail)



### 14.3 APPLICABLE REQUIREMENTS

According to IATA Packing Instruction 870, cells, modules and batteries being transported by air have to be protected from short-circuiting (for instance by installation of insulating protection on the + and – connections). Batteries with a management system and batteries installed in a equipment/vehicle, have to be protected from short-circuiting and from any unintended activation when such an activation is possible (for instance by battery disconnection and installation of insulating protection on the connections).

Road transport in Europe of new or used cells and batteries with classification UN2795 (Class 8) is not restricted according to ADR special provision 598, providing that requirements of this special provision are met.

Defective or damaged cells or batteries that have the potential of leading to a hazardous event during transportation must not be shipped.

| UN   | NAME                                                      | LAND: RAIL & ROAD |      |                                                                                                                                             |                                                                           | SEA (IMDG)      |          |                            |           | AIR (IATA)      |                                                 |           |
|------|-----------------------------------------------------------|-------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------|----------|----------------------------|-----------|-----------------|-------------------------------------------------|-----------|
|      |                                                           | Hazardous Class   | Code | Packing group                                                                                                                               | Label                                                                     | Hazardous Class | EmS      | Packing group              | Label     | Hazardous Class | Packing group                                   | Label     |
| 2795 | <b>BATTERIES WET, FILLED WITH ALKALI Electric storage</b> | 8                 | C 11 | (ADR) – None (US)(DOT) - III<br>(for packaging: see SP598; no packaging if new or used not damaged)<br>Other case P801/P801a for packaging) | New battery or used not damaged, SP598: None<br><br>Other case: Corrosive | 8               | F-A, S-B | No Packing group; See P801 | Corrosive | 8               | None<br><br>Packing group II See A802 and P1870 | Corrosive |

More information concerning shipping, testing, marking, packaging, special provisions and handling of defective/damaged products can be obtained from your Saft sales representative.

## 15. REGULATORY INFORMATION

### 15.1 PRODUCT MARKING (EU)



**Cd**

### 15.2 PRODUCT MARKING (US)

Regulated marking includes the three-pointed chasing arrows symbol, the abbreviation Ni-Cd, and the phrase BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.



## 16. OTHER INFORMATION

This information has been compiled from sources considered to be dependable and is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, neither exhaustively nor perfect reliability can be granted. Information does not imply implicit or specific warranty of it.

This information relates to the specific products designated and may not be valid for such products used in combination with any other materials or in any process. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his particular use.

Saft does not accept liability for any loss or damage that may occur, whether direct, indirect, incidental or consequential, from the use of this battery information sheet provided as a service to our customers. Saft does not offer warranty against patent infringement.



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Edition: 2024  
Version: 2.1

Data in this document is subject to change without notice and becomes contractual only after written confirmation.

**BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER**

nach §6 GGVSee (IMO-ERKLÄRUNG)

**TRANSPORT DOCUMENT FOR DANGEROUS GOODS**

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4

This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Versender (Name & Anschrift)<br>Shipper (Name & Address)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               | Buchungsnummer(n)<br>Reference number(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                          |
| Chemische Fabrik Karl Bucher GmbH<br>An der Günst 1<br>89367 Waldstetten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               | 45382                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                          |
| Empfänger<br>Consignee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               | Beförderer<br>Carrier                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                          |
| Sicor de Mexico, S.A. de C.V.<br>Parque Industr. Lerma, Avenida San Rafael # 35<br>52000 Estado de Mexico<br>MEXICO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                          |
| <b>CONTAINER/FAHRZEUG-PACKZERTIFIKAT</b><br><b>CONTAINER/VEHICLE PACKING CERTIFICATE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               | Container-/Fahrzeug-Nr.:<br>Container-/Vehicle-Nr.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                          |
| <b>ERKLÄRUNG</b><br>Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde.<br><b>DECLARATION</b><br>It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1.<br><b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b><br><b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>                                                                                                                                                                                                                                                                   |                                                                                               | Name/Funktion, Unternehmen/Organisation des Unterzeichners<br>Name/status, company/organization of signatory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                          |
| Schiffsname und Nummer der Reise<br>Ship's name and voyage No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                               | Ort und Datum<br>Place and date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                          |
| Ladehafen<br>Port of loading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                               | Unterschrift für den Packer<br>Signature on behalf of packer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                          |
| Hamburg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                               | (Frei für Text, Anweisungen und sonstige Angaben)<br>(Reserved for text, instructions or other matter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                          |
| Löschhafen<br>Port of discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               | 24h - EMERGENCY CONTACT<br>Call Chemtrec: +1 703-741-5970 or +1 800-424-9300<br>(CCN944878)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                          |
| UN-Nr.<br>UN-No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Inhalt (richtiger technischer Name)*<br>Proper Shipping Name<br>(Correct technical name)*     | Klasse/Unter-<br>klasse nach<br>IMO<br>IMO-Class                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Verpackungs-<br>gruppe<br>Packing<br>group                                                                                                                                               |
| UN2924                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLAMMABLE LIQUID, CORROSIVE, N.O.S.<br>(Tetrahydrofuran, Sodium bis(trimethylsilyl)<br>amide) | 3(8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | II                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Markierung der Versandstücke<br>Falls zutreffend, Identifikations-Nummer<br>oder aml. Kennzeichen<br>Marks & Nos, if applicable, identification<br>or registration number(s) of the Unit |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sodium bis(trimethylsilyl)amide<br>(40% in THF)<br>CAS-No.: 1070-89-9<br>IMDG Segregation Group:<br>18 - Alkalies                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Anzahl und Verp.-Art<br>No. and kind of packages                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 steel drum(s) (UN1A1)                                                                                                                                                                  |
| Bruttomenge (Volumen/Masse)<br>Gross quantity (volume/mass)<br>Nettomenge/Volumen/Masse - Net quantity/volume/mass<br>Netto Explosivstoffmasse ***<br>Net explosive mass ***                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                               | Merkblatt-Nr. für<br>Unfall-Maßnahmen<br>EmS No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Eigenschaften/Properties<br>Flammpunkt/Flashpoint **<br>MARINE POLLUTANT **<br>Kontroll- und Notfalltemperatur **<br>Control- and emergency temperature **                               |
| Netweight: 100,00 kg<br>Grossweight: 126,20 kg<br>Seal-No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                               | F-E, S-C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Flp. (°C): -21.2<br>MP: NO                                                                                                                                                               |
| * Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen;<br>(2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen.<br>** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1;<br>* Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY<br>UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added.<br>*** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;                                                                                                             |                                                                                               | Güter angeliefert als/Goods delivered as:<br><input type="checkbox"/> Stückgut/Breakbulk cargo<br><input type="checkbox"/> Ladungseinheiten (Unit Loads)<br>Unitized cargo<br><input type="checkbox"/> Bulkverpackungen/Bulk packages<br>Art der Einheit<br>(Container, Anhänger, Tank, Fahrzeug usw.)<br>Type of unit<br>(container, trailer, tank, vehicle etc.)<br><input type="checkbox"/> offen/open<br><input type="checkbox"/> geschlossen/closed<br>Zutreffendes ankreuzen/Insert "X" in appropriate box<br>(Diese Spalte kann bis auf die Überschrift frei-<br>gelassen werden; in diesem Fall ist die zutreffende<br>Beschreibung einzusetzen.)<br>(This column may be left empty apart from the head-<br>ing, in which case insert appropriate description.) |                                                                                                                                                                                          |
| <b>ZUSÄTZLICHE ANGABEN</b><br>Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).<br><b>ADDITIONAL INFORMATION</b><br>In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                          |
| <b>ERKLÄRUNG</b><br>Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand.<br><b>DECLARATION</b><br>I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. |                                                                                               | Name/Funktion, Unternehmen/Organisation des Unterzeichners<br>Name/status, company/organization of signatory<br>Anna-Selina Bissinger - Export Manager<br>Ort und Datum<br>Place and date<br>Waldstetten, den 09.03.2026<br>Unterschrift für den Versender<br>Signature on behalf of shipper<br> CHEMISCHE FABRIK<br>KARL BUCHER<br>89367 Waldstetten - Germany                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                          |

# Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)

## Sodium bis(trimethylsilyl)amide (40% in THF)

Version number: 9.0  
Replaces version of: 2022-03-07 (8)

Revision: 2022-08-18

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

|                                 |                                                     |
|---------------------------------|-----------------------------------------------------|
| Trade name                      | <b>Sodium bis(trimethylsilyl)amide (40% in THF)</b> |
| Registration number (REACH)     | not relevant (mixture)                              |
| Unique formula identifier (UFI) | JK8K-GRY6-X80U-53A9                                 |

|                       |       |
|-----------------------|-------|
| Alternative number(s) | B0030 |
|-----------------------|-------|

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

|                          |                                 |
|--------------------------|---------------------------------|
| Relevant identified uses | Industrial uses<br>Intermediate |
|--------------------------|---------------------------------|

#### 1.3 Details of the supplier of the safety data sheet

Chemische Fabrik Karl Bucher GmbH  
An der Günz 1  
89367 Waldstetten  
Germany

Telephone: +49 (0)8223 / 9691 - 0  
Telefax: +49 (0)8223 / 9691 - 15  
e-mail: [sdb.bucher@cfkb.de](mailto:sdb.bucher@cfkb.de)  
Website: [www.cfkb.de](http://www.cfkb.de)

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| e-mail (competent person) | <a href="mailto:sdb.bucher@cfkb.de">sdb.bucher@cfkb.de</a> |
|---------------------------|------------------------------------------------------------|

#### 1.4 Emergency telephone number

|                                        |                                                                                                                     |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Emergency information service Chemtrec | United Kingdom: +44-870-82 00 418<br>Ireland: +353-19 01 46 70<br>International:<br>+1703-741-5970 / 1-800-424-9300 |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------|

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

| Section | Hazard class                                                                    | Cat-egory | Hazard class and category | Hazard state-ment |
|---------|---------------------------------------------------------------------------------|-----------|---------------------------|-------------------|
| 2.6     | flammable liquid                                                                | 2         | Flam. Liq. 2              | H225              |
| 3.10    | acute toxicity (oral)                                                           | 4         | Acute Tox. 4              | H302              |
| 3.2     | skin corrosion/irritation                                                       | 1B        | Skin Corr. 1B             | H314              |
| 3.3     | serious eye damage/eye irritation                                               | 1         | Eye Dam. 1                | H318              |
| 3.6     | carcinogenicity                                                                 | 2         | Carc. 2                   | H351              |
| 3.8R    | specific target organ toxicity - single exposure (respiratory tract irritation) | 3         | STOT SE 3                 | H335              |
| 3.8D    | specific target organ toxicity - single exposure (narcotic effects, drowsiness) | 3         | STOT SE 3                 | H336              |
| 4.1C    | hazardous to the aquatic environment - chronic hazard                           | 3         | Aquatic Chronic 3         | H412              |

# Safety Data Sheet

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## Sodium bis(trimethylsilyl)amide (40% in THF)

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For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis. The product is combustible and can be ignited by potential ignition sources. Spillage and fire water can cause pollution of watercourses.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

- signal word danger

- pictograms

GHS02, GHS05,  
GHS07, GHS08



- hazard statements

|      |                                                    |
|------|----------------------------------------------------|
| H225 | Highly flammable liquid and vapour.                |
| H302 | Harmful if swallowed.                              |
| H314 | Causes severe skin burns and eye damage.           |
| H335 | May cause respiratory irritation.                  |
| H336 | May cause drowsiness or dizziness.                 |
| H351 | Suspected of causing cancer.                       |
| H412 | Harmful to aquatic life with long lasting effects. |

- precautionary statements

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P260           | Do not breathe dust/fume/gas/mist/vapours/spray.                                                                                 |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/....                                |
| P301+P330+P331 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting.                                                                               |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P370+P378      | In case of fire: Use metal fire powder to extinguish - never use water.                                                          |
| P403+P235      | Store in a well-ventilated place. Keep cool.                                                                                     |
| P501           | Dispose of contents/container to industrial combustion plant.                                                                    |

- supplemental hazard information

|        |                               |
|--------|-------------------------------|
| EUH014 | Reacts violently with water.  |
| EUH019 | May form explosive peroxides. |

### 2.3 Other hazards

Results of PBT and vPvB assessment

See section 12.5 "results of PBT and vPvB assessment".

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

# Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)

## Sodium bis(trimethylsilyl)amide (40% in THF)

Version number: 9.0  
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### Description of the mixture

| Name of substance               | Identifier                                                                                                                     | Wt%       | Classification acc. to GHS                                                                                                                 | Pictograms                                                                                                                                                                                                                                                     |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tetrahydrofuran                 | CAS No<br>109-99-9<br><br>EC No<br>203-726-8<br><br>Index No<br>603-025-00-0<br><br>REACH Reg. No<br>01-2119444314-46-<br>xxxx | 50 – < 75 | Flam. Liq. 2 / H225<br>Acute Tox. 4 / H302<br>Eye Irrit. 2 / H319<br>Carc. 2 / H351<br>STOT SE 3 / H335<br>STOT SE 3 / H336                |  <br> |
| Sodium bis(trimethylsilyl)amide | CAS No<br>1070-89-9<br><br>EC No<br>213-983-8<br><br>REACH Reg. No<br>01-2120746135-58-<br>0003                                | 25 – < 50 | Acute Tox. 4 / H302<br>Acute Tox. 4 / H312<br>Acute Tox. 4 / H332<br>Skin Corr. 1B / H314<br>Eye Dam. 1 / H318<br>Aquatic Chronic 3 / H412 |                                                                                          |

| Name of substance               | Specific Conc. Limits                                     | M-Factors | ATE                                                      | Exposure route                                                |
|---------------------------------|-----------------------------------------------------------|-----------|----------------------------------------------------------|---------------------------------------------------------------|
| Tetrahydrofuran                 | Eye Irrit. 2; H319: C ≥ 25 %<br>STOT SE 3; H335: C ≥ 25 % | -         | 1,650 mg/kg                                              | oral                                                          |
| Sodium bis(trimethylsilyl)amide | -                                                         | -         | 500 mg/kg<br>>1,000 mg/kg<br>10.3 mg/l/4h<br>1.5 mg/l/4h | oral<br>dermal<br>inhalation: vapour<br>inhalation: dust/mist |

For full text of abbreviations: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth. In case of accident or if you feel unwell, seek medical advice immediately.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

#### Following skin contact

Wash with plenty of soap and water.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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### 4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects  
If on skin or if in eyes: Causes severe skin burns and eye damage  
Following inhalation: May cause respiratory irritation  
Harmful if swallowed  
Suspected of causing cancer.

### 4.3 Indication of any immediate medical attention and special treatment needed

There is no additional information.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media  
D-Powder, alcohol resistant foam

Unsuitable extinguishing media  
Water jet

### 5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. The vapours may be invisible and are heavier than air. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of vapours.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Silicon oxides, Nitrous gases

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus. Fight fire with normal precautions from a reasonable distance. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Remove undamaged containers from heat radiation. Keep containers cool with water spray. Precipitate combustion gases with water spray if possible. Reacts violently with water.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Eliminate all ignition sources if safe to do so. Provision of sufficient ventilation.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Bundling, Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder.

Use only non-sparking tools.

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Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Recommendations

- measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Handle under inert gas. Protect from moisture.

- specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

- incompatible substances or mixtures

Do not allow contact with water. Protect from moisture.

- ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

- specific designs for storage rooms or vessels

Keep under inert gas.

- packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

### 7.3 Specific end use(s)

This information is not available.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) |                    |           |            |           |                          |            |                           |                 |                                |          |            |
|----------------------------------------------------------------|--------------------|-----------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|------------|
| Country                                                        | Name of agent      | CAS No    | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Ceiling-C [ppm] | Ceiling-C [mg/m <sup>3</sup> ] | Notation | Source     |
| EU                                                             | tetrahydrofuran    | 109-99-9  | IOEL V     | 50        | 150                      | 100        | 300                       |                 |                                | H        | 2000/39/EC |
| EU                                                             | ammonia, anhydrous | 7664-41-7 | IOEL V     | 20        | 14                       | 50         | 36                        |                 |                                |          | 2000/39/EC |

##### Notation

Ceiling-C

ceiling value is a limit value above which exposure should not occur

H

absorbed through the skin

STEL

short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours  
time-weighted average (unless otherwise specified)Ammonia (NH<sub>3</sub>): Hydrolysis product.

| Relevant DNELs of components of the mixture |          |           |                        |                                    |                   |                            |
|---------------------------------------------|----------|-----------|------------------------|------------------------------------|-------------------|----------------------------|
| Name of substance                           | CAS No   | End-point | Threshold level        | Protection goal, route of exposure | Used in           | Exposure time              |
| Tetrahydrofuran                             | 109-99-9 | DNEL      | 72.4 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | chronic - systemic effects |
| Tetrahydrofuran                             | 109-99-9 | DNEL      | 96 mg/m <sup>3</sup>   | human, inhalatory                  | worker (industry) | acute - systemic effects   |
| Tetrahydrofuran                             | 109-99-9 | DNEL      | 150 mg/m <sup>3</sup>  | human, inhalatory                  | worker (industry) | chronic - local effects    |
| Tetrahydrofuran                             | 109-99-9 | DNEL      | 300 mg/m <sup>3</sup>  | human, inhalatory                  | worker (industry) | acute - local effects      |
| Tetrahydrofuran                             | 109-99-9 | DNEL      | 12.6 mg/kg bw/day      | human, dermal                      | worker (industry) | chronic - systemic effects |

| Relevant PNECs of components of the mixture |          |           |                 |                   |                              |                              |       |
|---------------------------------------------|----------|-----------|-----------------|-------------------|------------------------------|------------------------------|-------|
| Name of substance                           | CAS No   | End-point | Threshold level | Organism          | Environmental compartment    | Exposure time                | Notes |
| Tetrahydrofuran                             | 109-99-9 | PNEC      | 4.32 mg/l       | aquatic organisms | freshwater                   | short-term (single instance) |       |
| Tetrahydrofuran                             | 109-99-9 | PNEC      | 0.432 mg/l      | aquatic organisms | marine water                 | short-term (single instance) |       |
| Tetrahydrofuran                             | 109-99-9 | PNEC      | 4.6 mg/l        | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |       |

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| Relevant PNECs of components of the mixture |          |           |                 |                       |                           |                              |       |
|---------------------------------------------|----------|-----------|-----------------|-----------------------|---------------------------|------------------------------|-------|
| Name of substance                           | CAS No   | End-point | Threshold level | Organism              | Environmental compartment | Exposure time                | Notes |
| Tetrahydrofuran                             | 109-99-9 | PNEC      | 23.3 mg/kg      | aquatic organisms     | freshwater sediment       | short-term (single instance) | dw    |
| Tetrahydrofuran                             | 109-99-9 | PNEC      | 2.33 mg/kg      | aquatic organisms     | marine sediment           | short-term (single instance) | dw    |
| Tetrahydrofuran                             | 109-99-9 | PNEC      | 2.13 mg/kg      | terrestrial organisms | soil                      | short-term (single instance) | dw    |

### 8.2 Exposure controls

#### Appropriate engineering controls

Local and general ventilation.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection

Wear eye/face protection.

##### Skin protection

##### - hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves with the supplier of these gloves.

##### - type of material

IIR: isobutene-isoprene (butyl) rubber

##### - material thickness

0,3 mm (splash protection)

##### - breakthrough times of the glove material

>10 minutes (permeation: level 1) (splash protection)

##### - other protection measures

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling. Protective clothing against liquid chemicals. Footwear protecting against chemicals.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection. Type: A (against organic gases and vapours with a boiling point of > 65 °C, colour code: Brown). Type: ABEK (combined filters against gases and vapours, colour code: Brown/Grey/Yellow/Green).

##### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

|                                                          |                                    |
|----------------------------------------------------------|------------------------------------|
| Physical state                                           | liquid                             |
| Colour                                                   | yellow - yellow-orange             |
| Odour                                                    | this information is not available  |
| Melting point/freezing point                             | this information is not available  |
| Boiling point or initial boiling point and boiling range | 65 °C at 1,013 hPa (THF)           |
| Flammability                                             | flammable liquid                   |
| Lower explosion limit (LEL)                              | 1.5 vol% (THF)                     |
| Upper explosion limit (UEL)                              | 12.4 vol% (THF)                    |
| Flash point                                              | -21.2 °C at 1,013 hPa (THF)        |
| Auto-ignition temperature                                | this information is not available  |
| Decomposition temperature                                | this information is not available  |
| pH (value)                                               | this information is not available  |
| Kinematic viscosity                                      | 0.5495 mm <sup>2</sup> /s at 20 °C |

#### Solubility(ies)

|                  |                          |
|------------------|--------------------------|
| Water solubility | exothermic decomposition |
|------------------|--------------------------|

#### Partition coefficient

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| Partition coefficient n-octanol/water (log value) | this information is not available |
|---------------------------------------------------|-----------------------------------|

|                 |                        |
|-----------------|------------------------|
| Vapour pressure | 170 hPa at 20 °C (THF) |
|-----------------|------------------------|

#### Density and/or relative density

|                         |                                   |
|-------------------------|-----------------------------------|
| Density                 | 0.91 g/cm <sup>3</sup>            |
| Relative vapour density | this information is not available |

|                          |                        |
|--------------------------|------------------------|
| Particle characteristics | not applicable (fluid) |
|--------------------------|------------------------|

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### 9.2 Other information

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Information with regard to physical hazard classes | there is no additional information |
| Other safety characteristics                       | there is no additional information |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains re-active substance(s). Risk of ignition.

If heated:

Risk of ignition

### 10.2 Chemical stability

Stable when stored and handled according to instructions.

### 10.3 Possibility of hazardous reactions

Reacts violently with water  
May form explosive peroxides

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 10.5 Incompatible materials

Water, Acids, Alcohol, Oxidisers

### 10.6 Hazardous decomposition products

Ammonia (NH<sub>3</sub>). Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**Classification acc. to GHS Classification according to GHS (1272/2008/EC, CLP)**

Acute toxicity

Mixture: Harmful if swallowed

Sodium bis(trimethylsilyl)amide: Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled

Tetrahydrofuran: Harmful if swallowed.

- acute toxicity estimate (ATE)

Oral 859.4 mg/kg

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| Acute toxicity of components of the mixture |           |                    |          |              |         |        |                                                              |
|---------------------------------------------|-----------|--------------------|----------|--------------|---------|--------|--------------------------------------------------------------|
| Name of substance                           | CAS No    | Exposure route     | Endpoint | Value        | Species | Source | Notes                                                        |
| Tetrahydrofuran                             | 109-99-9  | oral               | LD50     | 1,650 mg/kg  | rat     | ECHA   |                                                              |
| Tetrahydrofuran                             | 109-99-9  | dermal             | LD50     | >2,000 mg/kg | rat     | ECHA   |                                                              |
| Sodium bis(trimethylsilyl)amide             | 1070-89-9 | inhalation: vapour | LC50     | 10.3 mg/l/4h | rat     | ECHA   | Read across: 1,1,1,3,3,3-Hexamethyldisilazane (CAS 999-97-3) |
| Sodium bis(trimethylsilyl)amide             | 1070-89-9 | dermal             | LD50     | >1,000 mg/kg | rabbit  | ECHA   | Read across: 1,1,1,3,3,3-Hexamethyldisilazane (CAS 999-97-3) |

### Skin corrosion/irritation

Mixture: Causes severe skin burns and eye damage

Sodium bis(trimethylsilyl)amide: Causes severe skin burns and eye damage

Tetrahydrofuran: Shall not be classified as corrosive/irritant to skin.

| Name of substance               | CAS No    | Test system | Species | Remarks                                                      | Method                                                                                                                                                                                                   | Source |
|---------------------------------|-----------|-------------|---------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Tetrahydrofuran                 | 109-99-9  | in vivo     | rabbit  |                                                              | Draize, J.H., Woodward, G. and Calvery, H.O. "Methods for the Study of Irritation and Toxicity of Substances Applied Topically to the Skin and Mucous Membranes", J. Pharm. and Ex. Ther. 82, 377 (1944) | ECHA   |
| Sodium bis(trimethylsilyl)amide | 1070-89-9 |             |         | Read across: 1,1,1,3,3,3-Hexamethyldisilazane (CAS 999-97-3) |                                                                                                                                                                                                          | ECHA   |

### Serious eye damage/eye irritation

Mixture: Causes serious eye damage (Expert judgement)

Sodium bis(trimethylsilyl)amide: Causes serious eye damage (Expert judgement)

Tetrahydrofuran: Causes serious eye irritation.

| Name of substance | CAS No   | Test system | Species | Method                                                                                                                                                                                                   | Source |
|-------------------|----------|-------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Tetrahydrofuran   | 109-99-9 | in vivo     | rabbit  | Draize, J.H., Woodward, G. and Calvery, H.O. "Methods for the Study of Irritation and Toxicity of Substances Applied Topically to the Skin and Mucous Membranes", J. Pharm. and Ex. Ther. 82, 377 (1944) | ECHA   |

# Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)

## Sodium bis(trimethylsilyl)amide (40% in THF)

Version number: 9.0  
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### Respiratory or skin sensitisation

Mixture: The classification criteria for these hazard classes are not met  
Sodium bis(trimethylsilyl)amide: No data available  
Tetrahydrofuran: Shall not be classified as a respiratory or skin sensitizer.

| Name of substance | CAS No   | Species | Test system | Method          | Source |
|-------------------|----------|---------|-------------|-----------------|--------|
| Tetrahydrofuran   | 109-99-9 | mouse   | in vivo     | OECD 429 (LLNA) | ECHA   |

### Germ cell mutagenicity

Mixture: Shall not be classified as germ cell mutagenic  
Sodium bis(trimethylsilyl)amide: Shall not be classified as germ cell mutagenic  
Tetrahydrofuran: Shall not be classified as germ cell mutagenic.

| Name of substance               | CAS No    | Test system | Species | Remarks                                | Method                                             | Source |
|---------------------------------|-----------|-------------|---------|----------------------------------------|----------------------------------------------------|--------|
| Tetrahydrofuran                 | 109-99-9  | in vivo     | mouse   | inhalation: vapour 600, 1800, 5000 ppm | OECD 474 (Mammalian Erythrocyte Micronucleus Test) | ECHA   |
| Sodium bis(trimethylsilyl)amide | 1070-89-9 |             |         |                                        | OECD 471 (Bacterial Reverse Mutation Assay)        | ECHA   |

### Carcinogenicity

Mixture: Suspected of causing cancer  
Sodium bis(trimethylsilyl)amide: No data available  
Tetrahydrofuran: Suspected of causing cancer. (Harmonised (legal) classification: 1272/2008/EC, Annex VI)

### Reproductive toxicity

Mixture: The classification criteria for this hazard class are not met  
Sodium bis(trimethylsilyl)amide: No data available  
Tetrahydrofuran: Shall not be classified as a reproductive toxicant.

| Name of substance | CAS No   | Endpoint                                                                                                                               | Test system | Exposure route | Species | Remarks                                                       | Method                                          | Source |
|-------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------|---------------------------------------------------------------|-------------------------------------------------|--------|
| Tetrahydrofuran   | 109-99-9 | NOAEL: 9000 ppm (F0 and F1 parental)<br>NOAEL: 3000 ppm (F1 and F2 litters)<br>NOAEL: 1800 ppm (maternal)<br>NOAEL: 1800 ppm (fetuses) | in vivo     | oral           | rat     | toxicity to reproduction/ maternal and developmental toxicity | 87/302/EEC; OECD Guideline No. 416 and OECD 414 | ECHA   |

### Specific target organ toxicity - single exposure

Mixture: May cause respiratory irritation. May cause drowsiness or dizziness  
Sodium bis(trimethylsilyl)amide: No data available  
Tetrahydrofuran: May cause respiratory irritation. May cause drowsiness or dizziness.

| Name of substance | CAS No   | Test system | Species | Method                                                                                                                                                                                                          | Source |
|-------------------|----------|-------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Tetrahydrofuran   | 109-99-9 | in vivo     | rat     | U. S. EPA, Toxic substances Control Act Health Effects Testing guideline, 40 CFR Part 798 Subpart G, Neurotoxicity (1985) and USEPA/FIFRA Neurotoxicity Pesticide Assessment Guidelines F, PB 91-154617 (1991). | ECHA   |

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### Specific target organ toxicity - repeated exposure

Mixture: The classification criteria for this hazard class are not met

Sodium bis(trimethylsilyl)amide: No data available

Tetrahydrofuran: Shall not be classified as a specific target organ toxicant (repeated exposure).

| Name of substance | CAS No   | Endpoint                                            | Test system | Species | Method              | Source |
|-------------------|----------|-----------------------------------------------------|-------------|---------|---------------------|--------|
| Tetrahydrofuran   | 109-99-9 | oral: NOAEL 1000 mg/L<br>inhalative: NOAEC 1800 ppm | in vivo     | rat     | equivalent OECD 407 | ECHA   |

### Aspiration hazard

Mixture: The classification criteria for this hazard class are not met

Sodium bis(trimethylsilyl)amide: No data available

Tetrahydrofuran: Shall not be classified as presenting an aspiration hazard.

## 11.2 Information on other hazards

There is no additional information.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Test data are not available for the complete mixture.

| Aquatic toxicity (acute)        |           |           |           |                       |               |          |                                                                |        |
|---------------------------------|-----------|-----------|-----------|-----------------------|---------------|----------|----------------------------------------------------------------|--------|
| Name of substance               | CAS No    | End-point | Value     | Species               | Exposure time | Method   | Remarks                                                        | Source |
| Tetrahydrofuran                 | 109-99-9  | LC50      | 2160 mg/l | fish                  | 96 h          | OECD 203 |                                                                | ECHA   |
| Tetrahydrofuran                 | 109-99-9  | EC50      | 3485 mg/l | aquatic invertebrates | 48 h          | OECD 202 |                                                                | ECHA   |
| Tetrahydrofuran                 | 109-99-9  | IC50      | 460 mg/l  | microorganisms        | 3 h           | OECD 209 |                                                                | ECHA   |
| Sodium bis(trimethylsilyl)amide | 1070-89-9 | LC50      | 88 mg/L   | fish                  | 96 h          |          | Read across: 1,1,1,3,3,3 - Hexamethyldisilazane (CAS 999-97-3) | ECHA   |
| Sodium bis(trimethylsilyl)amide | 1070-89-9 | EC50      | 80 mg/L   | aquatic invertebrates | 48 h          |          | Read across: 1,1,1,3,3,3 - Hexamethyldisilazane (CAS 999-97-3) | ECHA   |
| Sodium bis(trimethylsilyl)amide | 1070-89-9 | ErC50     | 50 mg/L   | algae                 | 72 h          |          | Read across: 1,1,1,3,3,3 - Hexamethyldisilazane (CAS 999-97-3) | ECHA   |

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| Name of substance               | CAS No    | Endpoint | Value    | Species | Exposure time | Remarks                                                        | Source |
|---------------------------------|-----------|----------|----------|---------|---------------|----------------------------------------------------------------|--------|
| Tetrahydrofuran                 | 109-99-9  | NOEC     | 216 mg/l | fish    | 33 d          |                                                                | ECHA   |
| Sodium bis(trimethylsilyl)amide | 1070-89-9 | ErC10    | 7.5 mg/L | algae   | 72 h          | Read across: 1,1,1,3,3,3 - Hexamethyldisilazane (CAS 999-97-3) | ECHA   |

### 12.2 Persistence and degradability

Test data are not available for the complete mixture.

| Process of degradability        |           |                  |                  |      |                 |                                    |                                                              |        |
|---------------------------------|-----------|------------------|------------------|------|-----------------|------------------------------------|--------------------------------------------------------------|--------|
| Name of substance               | CAS No    | Process          | Degradation rate | Time | Method          | Remarks                            | Other remarks/details                                        | Source |
| Tetrahydrofuran                 | 109-99-9  | oxygen depletion | 39%              | 28 d | OECD 301D       | moderately/partially biodegradable |                                                              | ECHA   |
| Sodium bis(trimethylsilyl)amide | 1070-89-9 | oxygen depletion | 15.3%            | 28 d | EU Method C.4-E | not readily biodegradable          | Read across: 1,1,1,3,3,3-Hexamethyldisilazane (CAS 999-97-3) | ECHA   |

### 12.3 Bioaccumulative potential

Test data are not available for the complete mixture.

| Partition coefficient |          |                           |          |        |
|-----------------------|----------|---------------------------|----------|--------|
| Name of substance     | CAS No   | n-Octanol/water (log KOW) | Method   | Source |
| Tetrahydrofuran       | 109-99-9 | 0,45 (pH7; 25°C)          | OECD 107 | ECHA   |

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Tetrahydrofuran: According to the results of its assessment, this substance is not a PBT or a vPvB.  
There is no additional information.

### 12.6 Endocrine disrupting properties

None of the ingredients are listed.

### 12.7 Other adverse effects

Data are not available.

# Safety Data Sheet

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste treatment-relevant information

Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

#### 14.1 UN number or ID number

|           |         |
|-----------|---------|
| ADR/RID   | UN 2924 |
| IMDG-Code | UN 2924 |
| ICAO-TI   | UN 2924 |

#### 14.2 UN proper shipping name

|                                        |                                                  |
|----------------------------------------|--------------------------------------------------|
| ADR/RID                                | FLAMMABLE LIQUID, CORROSIVE, N.O.S.              |
| IMDG-Code                              | FLAMMABLE LIQUID, CORROSIVE, N.O.S.              |
| ICAO-TI                                | Flammable liquid, corrosive, n.o.s.              |
| Technical name (Hazardous ingredients) | Tetrahydrofuran, Sodium bis(trimethylsilyl)amide |

#### 14.3 Transport hazard class(es)

|           |       |
|-----------|-------|
| ADR/RID   | 3 (8) |
| IMDG-Code | 3 (8) |
| ICAO-TI   | 3 (8) |

#### 14.4 Packing group

|           |    |
|-----------|----|
| ADR/RID   | II |
| IMDG-Code | II |
| ICAO-TI   | II |

#### 14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

#### 14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

#### 14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

# Safety Data Sheet

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## Sodium bis(trimethylsilyl)amide (40% in THF)

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### Information for each of the UN Model Regulations

#### Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) - additional information

Classification code FC  
Danger label(s) 3+8



Special provisions (SP) 274  
Excepted quantities (EQ) E2  
Limited quantities (LQ) 1 L  
Transport category (TC) 2  
Tunnel restriction code (TRC) D/E  
Hazard identification No 338  
Emergency Action Code 3WE

#### Regulations concerning the International Carriage of Dangerous Goods by Rail (RID) - additional information

Classification code FC  
Danger label(s) 3+8



Special provisions (SP) 274  
Excepted quantities (EQ) E2  
Limited quantities (LQ) 1 L  
Transport category (TC) 2  
Hazard identification No 338

#### International Maritime Dangerous Goods Code (IMDG) - additional information

Marine pollutant -  
Danger label(s) 3+8



Special provisions (SP) 274  
Excepted quantities (EQ) E2  
Limited quantities (LQ) 1 L  
EmS F-E, S-C  
Stowage category B  
Segregation group 18 - Alkalies

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## Sodium bis(trimethylsilyl)amide (40% in THF)

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### International Civil Aviation Organization (ICAO-IATA/DGR) - additional information

Danger label(s) 3+8



Special provisions (SP) A3  
Exempted quantities (EQ) E2  
Limited quantities (LQ) 0,5 L  
ERG Code 3CH

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### Relevant provisions of the European Union (EU)

##### Restrictions according to REACH, Annex XVII

| Dangerous substances with restrictions (REACH, Annex XVII) |                                                                                                  |        |                         |    |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------|-------------------------|----|
| Name of substance                                          | Name acc. to inventory                                                                           | CAS No | Type of registration    | No |
| Sodium bis(trimethylsilyl)amide (40% in THF)               | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC |        | 1907/2006/EC annex XVII | 3  |
| Sodium bis(trimethylsilyl)amide                            | substances in tattoo inks and permanent make-up                                                  |        | 2020/2081/EC annex XVII | 75 |
| Tetrahydrofuran                                            | flammable / pyrophoric                                                                           |        | 1907/2006/EC annex XVII | 40 |
| Tetrahydrofuran                                            | substances in tattoo inks and permanent make-up                                                  |        | 2020/2081/EC annex XVII | 75 |

##### List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

none of the ingredients are listed

##### Seveso Directive

| 2012/18/EU (Seveso III) |                                       |                                                                                       |       |
|-------------------------|---------------------------------------|---------------------------------------------------------------------------------------|-------|
| No                      | Dangerous substance/hazard categories | Qualifying quantity (tonnes) for the application of lower and upper-tier requirements | Notes |
| O1                      | other hazards (EUH014)                | 100 500                                                                               | 58)   |

Notation

58) substances or mixtures with hazard statement EUH014

##### Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

none of the ingredients are listed

##### Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

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### Water Framework Directive (WFD)

| List of pollutants (WFD)        |        |           |         |
|---------------------------------|--------|-----------|---------|
| Name of substance               | CAS No | Listed in | Remarks |
| Sodium bis(trimethylsilyl)amide |        | a)        |         |
| Tetrahydrofuran                 |        | a)        |         |

#### Legend

A) Indicative list of the main pollutants

### Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

### 15.2 Chemical Safety Assessment

This information is not available.

## SECTION 16: Other information

### Indication of changes (revised safety data sheet)

| Section | Former entry (text/value)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Actual entry (text/value)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Safety-relevant |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 1.1     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Unique formula identifier (UFI):<br>JK8K-GRY6-X80U-53A9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | yes             |
| 5.1     | Suitable extinguishing media:<br>Dry extinguishing powder: Extinguishing powder based on alkali metal chlorides or limestone, alcohol resistant foam dry sand                                                                                                                                                                                                                                                                                                                                                | Suitable extinguishing media:<br>D-Powder, alcohol resistant foam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | yes             |
| 8.1     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Occupational exposure limit values (Workplace Exposure Limits):<br>change in the listing (table)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | yes             |
| 14.7    | Classification code:<br>3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Classification code:<br>FC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | yes             |
| 16      | Key literature references and sources for data: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU. Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA). | Key literature references and sources for data: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU. Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA)<br><br>ECHA: Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> . | yes             |

### Abbreviations and acronyms

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| Abbr.           | Descriptions of used abbreviations                                                                                                                                                |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2000/39/EC      | Commission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC                                   |
| Acute Tox.      | Acute toxicity                                                                                                                                                                    |
| ADR             | Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)                     |
| Aquatic Chronic | Hazardous to the aquatic environment - chronic hazard                                                                                                                             |
| ATE             | Acute Toxicity Estimate                                                                                                                                                           |
| Carc.           | Carcinogenicity                                                                                                                                                                   |
| CAS             | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)                                                                            |
| Ceiling-C       | Ceiling value                                                                                                                                                                     |
| CLP             | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures                                                                                |
| DGR             | Dangerous Goods Regulations (see IATA/DGR)                                                                                                                                        |
| DNEL            | Derived No-Effect Level                                                                                                                                                           |
| EC No           | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) |
| EINECS          | European Inventory of Existing Commercial Chemical Substances                                                                                                                     |
| ELINCS          | European List of Notified Chemical Substances                                                                                                                                     |
| EmS             | Emergency Schedule                                                                                                                                                                |
| ERG Code        | Emergency Response Guidance - Code                                                                                                                                                |
| Eye Dam.        | Seriously damaging to the eye                                                                                                                                                     |
| Eye Irrit.      | Irritant to the eye                                                                                                                                                               |
| Flam. Liq.      | Flammable liquid                                                                                                                                                                  |
| GHS             | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations                                                                         |
| IATA            | International Air Transport Association                                                                                                                                           |
| IATA/DGR        | Dangerous Goods Regulations (DGR) for the air transport (IATA)                                                                                                                    |
| ICAO            | International Civil Aviation Organization                                                                                                                                         |
| ICAO-TI         | Technical instructions for the safe transport of dangerous goods by air                                                                                                           |
| IMDG            | International Maritime Dangerous Goods Code                                                                                                                                       |
| IMDG-Code       | International Maritime Dangerous Goods Code                                                                                                                                       |
| index No        | The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008                                                          |
| IOELV           | Indicative occupational exposure limit value                                                                                                                                      |
| LC50            | Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval                                 |
| LD50            | Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval                                                  |
| NLP             | No-Longer Polymer                                                                                                                                                                 |

# Safety Data Sheet

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## Sodium bis(trimethylsilyl)amide (40% in THF)

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| Abbr.       | Descriptions of used abbreviations                                                                                                                                      |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PBT         | Persistent, Bioaccumulative and Toxic                                                                                                                                   |
| PNEC        | Predicted No-Effect Concentration                                                                                                                                       |
| ppm         | Parts per million                                                                                                                                                       |
| REACH       | Registration, Evaluation, Authorisation and Restriction of Chemicals                                                                                                    |
| RID         | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| Skin Corr.  | Corrosive to skin                                                                                                                                                       |
| Skin Irrit. | Irritant to skin                                                                                                                                                        |
| STEL        | Short-term exposure limit                                                                                                                                               |
| STOT SE     | Specific target organ toxicity - single exposure                                                                                                                        |
| SVHC        | Substance of Very High Concern                                                                                                                                          |
| TWA         | Time-weighted average                                                                                                                                                   |
| vPvB        | Very Persistent and very Bioaccumulative                                                                                                                                |

### Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA)

ECHA: Source: European Chemicals Agency, <http://echa.europa.eu/>.

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text                                               |
|------|----------------------------------------------------|
| H225 | Highly flammable liquid and vapour.                |
| H302 | Harmful if swallowed.                              |
| H312 | Harmful in contact with skin.                      |
| H314 | Causes severe skin burns and eye damage.           |
| H318 | Causes serious eye damage.                         |
| H319 | Causes serious eye irritation.                     |
| H332 | Harmful if inhaled.                                |
| H335 | May cause respiratory irritation.                  |
| H336 | May cause drowsiness or dizziness.                 |
| H351 | Suspected of causing cancer.                       |
| H412 | Harmful to aquatic life with long lasting effects. |

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### Sodium bis(trimethylsilyl)amide (40% in THF)

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#### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Shipper  
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91900 COL. FLORES MAGON, VERACRUZ  
MEXICO  
CONTACT PERSON: SANDRA MELQUIADES \*

|  |                                 |
|--|---------------------------------|
|  | Place of receipt<br>HAMBURG CFS |
|--|---------------------------------|

|                                |                            |
|--------------------------------|----------------------------|
| Ocean vessel<br>GSL MARIA 614W | Port of loading<br>HAMBURG |
|--------------------------------|----------------------------|

|                               |                                   |                                    |                                              |
|-------------------------------|-----------------------------------|------------------------------------|----------------------------------------------|
| Port of discharge<br>VERACRUZ | Place of delivery<br>VERACRUZ CFS | Freight payable<br>FREIGHT PREPAID | Number of original Bills of Lading<br>0/ZERO |
|-------------------------------|-----------------------------------|------------------------------------|----------------------------------------------|

|                                         |                   |                      |                 |                   |                             |
|-----------------------------------------|-------------------|----------------------|-----------------|-------------------|-----------------------------|
| Marks and Nos.                          | Quantity of Goods | Description of Goods | Said to contain | Gross weight, kg. | Measurement, m <sup>3</sup> |
| CARGO DETAILS AS PER ATTACHED STATEMENT |                   |                      |                 |                   |                             |

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
- assumes liability as prescribed in this document for such transport.

**One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.**

IN WITNESS whereof three (3) original Bills of Lading have been signed, if not otherwise stated above, one of which being accomplished the other(s) to be void.

Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

SACO Shipping GmbH  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

**Note:**

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

| Marks and Nos.                                                                                                                                                                                                                                                                                                                                     | Quantity of Goods | Description of Goods                                                                                                                                                                                                                                                                     | Said to contain | Gross weight, kg.  | Measurement, m <sup>3</sup> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------------|
| SODIUM BIS<br>(TRIMETHYLSILYL)AMID<br>E<br>(40% IN THF)<br>CAS-NO-: 1070-89-9<br>1 STEEL DRUMS<br>(UN 1A1)<br>ORDER NO.:<br>Q02600397<br>.<br>100,- KG NETWT<br>112,70 KG GRWT<br>12,7 KG TARE<br>= 106,50 KG<br>+ 13,50 KG FOR<br>PALLET<br>BATCH NO.:<br>26000503/17<br>CUSTOMER ITEM-NO.:<br>4R-16020<br>STOWED INTO CONTAINER NO.: MRKU6424627 | 1 PACKAGE         | S.T.C.<br>1 STEEL DRUMS (UN 1A1)<br>PACKED ON 1 PALLET<br>SODIUM BIS<br>(TRIMETHYLSILYL)AMIDE<br>(40% IN THF)<br>UN 2924, IMO 3(8) , PG II<br>NET.: 100 KG<br>.<br>HS CODE 29319000<br>.<br>* NOTIFY ADDRESS<br>T: 52 722 707 1525<br>E-MAIL:<br>SANDRA.MELQUIADES@TAPI.COM<br><br>COM.M |                 | 126,200            | 0,839                       |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                       |                   | <b>1 PACKAGE</b>                                                                                                                                                                                                                                                                         |                 | <b>126,200 KGS</b> | <b>0,839 CBM</b>            |

SEAL : B136750

Shipper  
QCS-QUICK CARGO SERVICE GMBH  
WERNER-WITT-STRASSE 5  
21035 HAMBURG, GERMANY  
TAX-ID:DE114202533  
TELEPHONE: 00494023838940

B/L No.  
VER283340



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163702

Copy

Consigned to order of  
AIRMAR TRANSPORTES INTERNACIONALES  
S.A. DE C.V. NORTE 174, NO. 549,  
COL PENSADOR MEXICANO 15510 MEXICO,  
CMX MEXICO TAX ID: ATI 9307029F8  
TEL: 52.55.19.99.90.00

Notify Party and address  
AIRMAR TRANSPORTES INTERNACIONALES  
S.A. DE C.V. NORTE 174, NO. 549,  
COL PENSADOR MEXICANO 15510 MEXICO,  
CMX MEXICO TAX ID: ATI 9307029F8  
TEL: 52.55.19.99.90.00

|                                                                                                                                |                   |                                                                        |                             |                                              |                             |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------|-----------------------------|----------------------------------------------|-----------------------------|
|                                                                                                                                |                   | Place of receipt<br>HAMBURG CFS                                        |                             |                                              |                             |
| Ocean vessel<br>GSL MARIA 614W                                                                                                 |                   | Port of loading<br>HAMBURG                                             |                             |                                              |                             |
| Port of discharge<br>VERACRUZ                                                                                                  |                   | Place of delivery<br>VERACRUZ CFS                                      | Freight payable<br>VERACRUZ | Number of original Bills of Lading<br>0/ZERO |                             |
| Marks and Nos.                                                                                                                 | Quantity of Goods | Description of Goods                                                   | Said to contain             | Gross weight, kg.                            | Measurement, m <sup>3</sup> |
| SPRINGFIX<br>BEFESTIGUNGS<br>TECHNIK<br>GMBH<br>AP SOLUTIONS<br>72057<br>DN 80283278<br>STOWED INTO CONTAINER NO.: MRKU6424627 | 1    PALLET       | AUTOMOTIVE SPARE PARTS<br>AS PER INVOICE: 100007149<br>HS-CODE: 870899 |                             | 91,000                                       | 0,485                       |
|                                                                                                                                |                   |                                                                        |                             | SEAL : B136750                               |                             |
| ECOBAT RESOURCES<br>BRAUBACH GMBH<br>A&P SOLUTIONS<br>MEXICO<br>80175661<br>STOWED INTO CONTAINER NO.: MRKU6424627             | 2    PALLETS      | PLASTIC GRANULES<br>AS PER INVOICE: 90205478<br>HS-CODE: 390210        |                             | 1200,000                                     | 2,645                       |
|                                                                                                                                |                   |                                                                        |                             | SEAL : B136750                               |                             |
| TOTAL                                                                                                                          |                   | 3    PALLET                                                            |                             | 1291,000 KGS                                 | 3,130 CBM                   |

FREIGHT COLLECT - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

**Note:**

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
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Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



## BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach § 6 GGVSee (IMO-ERKLÄRUNG)  
**TRANSPORT DOCUMENT FOR DANGEROUS GOODS**  
**(IMO-DANGEROUS GOODS DECLARATION)**

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4.2; MARPOL 73/78, Anlage III, Regel 5 Absatz 2 und dem IMDG-Code, Kapitel 5.4  
 This form meets the requirements of SOLAS 74, chapter VII regulation 4.2; MARPOL 73/78, Annex III, regulation 5.2 and the IMDG-Code, Chapter 5.4

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Versender (Name & Anschrift)<br><i>Shipper (Name &amp; Address)</i><br><b>Worlée-Chemie GmbH</b><br><b>Grusonstraße 26</b><br><b>22113 Hamburg</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                   | Buchungsnummer(n)<br><i>Reference number(s)</i>                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                  |
| Empfänger<br><i>Consignee</i><br><b>Moca y Compania, S.A. de C.V.</b><br><b>Paseo de la Reforma No. 231</b><br><b>Dep. 702</b><br><b>Ciudad de Mexico</b><br><b>Mexico</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                   | Beförderer<br><i>Carrier</i>                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |
| <b>CONTAINER / FAHRZEUG-PACKZERTIFIKAT</b><br><b>CONTAINER / VEHICLE PACKING CERTIFICATE</b><br><b>ERKLÄRUNG</b><br>Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde.<br><b>DECLARATION</b><br><i>It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1.</i><br><b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b><br><b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                   | Container-/Fahrzeug-Nr.:<br><i>Container/Vehicle-Nr.:</i><br><br>Name/Funktion, Unternehmen/Organisation des Unterzeichners<br><i>Name/status, company/organization of signatory</i><br><br>Ort und Datum<br><i>Place and date</i><br>Unterschrift für den Packer<br><i>Signature on behalf of packer</i>                                                                                               |                                                                                                                                                                  |
| Schiffsname und Nummer der Reise<br><i>Ship's name and voyage No.</i><br>Ladehafen<br><i>Port of loading</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                   | (Frei für Text, Anweisungen und sonstige Angaben)<br><i>(Reserved for text, instructions or other matter)</i>                                                                                                                                                                                                                                                                                           |                                                                                                                                                                  |
| Löschhafen<br><i>Port of discharge</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                   | <b>1H2</b>                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                  |
| UN-Nr.<br><i>UN-No.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Inhalt (richtiger technischer Name)<br><i>Proper Shipping Name (Correct technical name)</i>                                                                                                                                                                                                                       | Klasse/Unterklasse nach IMO<br><i>IMO Class/ Subsidary Class</i>                                                                                                                                                                                                                                                                                                                                        | Verpackungsgruppe<br><i>Packing group</i>                                                                                                                        |
| UN 3082                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Enviromentally hazardous substance, liquid, n.o.s (2-ethyl-2[(3-mercapto-1-oxopropoxy)methyl]propane-1,3-diyl bis[3-mercatopropionate]). Marine pollutant</b><br><br>For Dangerous Goods Incident<br>Spill, Leak, Fire, Exposure or Accident<br>Call CHEMTREC<br>+1-703-741-5970/+1-800-424-9300<br>CCN 832088 | <b>9</b>                                                                                                                                                                                                                                                                                                                                                                                                | <b>III</b>                                                                                                                                                       |
| Bruttomenge (Volumen/Masse)<br><i>Gross quantity (volume/mass)</i><br>Nettomenge/Volumen/Masse · Net quantity/volume/mass<br>Netto Explosivstoffmasse<br><i>Net explosive mass</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                   | Merkblatt-Nr. für Unfall-Maßnahmen<br><i>EmS-No.</i>                                                                                                                                                                                                                                                                                                                                                    | Eigenschaften / Properties<br>Flammpunkt / Flashpoint<br><b>MARINE POLLUTANT</b><br>Kontroll- und Notfalltemperatur<br><i>Control- and emergency temperature</i> |
| <b>258,000kg</b><br><b>250,000kg</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                   | <b>F-A, S-F</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>195°C</b><br><b>Marine pollutant</b>                                                                                                                          |
| Güter angeliefert als / Goods delivered as:<br><input type="checkbox"/> Stückgut / Breakbulk cargo<br><input type="checkbox"/> Ladungseinheiten (Unit Loads)<br><i>Unitized cargo</i><br><input type="checkbox"/> Bulkverpackungen / Bulk packages<br>Art der Einheit<br>(Container, Anhänger, Tank, Fahrzeug usw.)<br><i>Type of unit (container, trailer, tank, vehicle etc.)</i><br><input type="checkbox"/> offen / open<br><input type="checkbox"/> geschlossen / closed<br>Zutreffendes ankreuzen<br>Insert "X" in appropriate box<br>(Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.)<br>(This column may be left empty apart from the heading, in which case insert appropriate description.) |                                                                                                                                                                                                                                                                                                                   | ZUSÄTZLICHE ANGABEN<br>Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).<br><b>ADDITIONAL INFORMATION</b><br><i>In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).</i>                                                                                  |                                                                                                                                                                  |
| <b>ERKLÄRUNG DES VERSENDERS:</b><br>Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, gekennzeichnet und beschriftet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand.<br><b>SHIPPER'S DECLARATION:</b><br><i>I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name, and are classified, packaged and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national government regulations.</i>       |                                                                                                                                                                                                                                                                                                                   | Name/Funktion, Unternehmen/Organisation des Unterzeichners<br><i>Name/status, company/organization of signatory</i><br><b>Marina Schmidt, Head Logistics</b><br>Ort und Datum<br><i>Place and date</i> <b>Lauenburg, 17.03.2026</b><br>Unterschrift für den Versender<br><i>Signature on behalf of shipper</i><br><b>Worlée-Chemie GmbH</b><br><b>Sölterstr. 16</b><br><b>21481 Lauenburg / Germany</b> |                                                                                                                                                                  |

SAFETY DATA SHEET according to Regulation (EC) No 1907/2006

**ipox® TC330**

Version 10.18

Print Date: 14.10.2025  
Revision Date: 30.01.2024

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

**Commercial Product Name** **ipox® TC330**  
**Registrant** 2-Ethyl-2-[(3-mercapto-1-oxopropoxy)methyl]propane-1,3-diyl bis[3-mercaptopropionate]  
**REACH Registration Number** 01-2120770061-65

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Use** Industrial use of reactive processing aids  
Roller application or brushing  
Use as laboratory reagent  
Polymer preparations and compounds  
Manufacture of plastics products, including compounding and conversion  
Building and construction work  
Scientific research and development

### 1.3 Details of the supplier of the safety data sheet

**Producer / Supplier** Bruno Bock GmbH  
Eichholzer Straße 23, D-21436 Marschacht, Germany  
Telephone ++49(0)4176-6469-700

**Responsible Department** Norbert Häussler  
Telephone +49 (0) 4176 - 64 69 744  
E-mail address: n.haeussler@thiochem.com

### 1.4 Emergency telephone number

**Emergency telephone number** CHEMTREC +44 20 3885 0382

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### 2.1.1 GHS Classification REGULATION (EC) No 1272/2008

|                                                |                                                                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Skin sensitisation, Category 1A                | H317: May cause an allergic skin reaction. Kann allergische Hautreaktionen verursachen.                                  |
| Short-term (acute) aquatic hazard, Category 1  | H400: Very toxic to aquatic life. Sehr giftig für Wasserorganismen.                                                      |
| Long-term (chronic) aquatic hazard, Category 1 | H410: Very toxic to aquatic life with long lasting effects. Sehr giftig für Wasserorganismen, mit langfristiger Wirkung. |
| Acute toxicity, Category 4                     | H302: Harmful if swallowed. Gesundheitsschädlich bei Verschlucken.                                                       |

SAFETY DATA SHEET according to Regulation (EC) No 1907/2006

**ipox® TC330**

Version 10.18

Print Date: 14.10.2025  
Revision Date: 30.01.2024**2.2 Label elements****GHS-Labeling REGULATION (EC) No 1272/2008**

Symbol(s)



Signal word

: Warning

Hazard statements

: H302

Harmful if swallowed. Gesundheitsschädlich bei Verschlucken.

H317

May cause an allergic skin reaction. Kann allergische Hautreaktionen verursachen.

H410

Very toxic to aquatic life with long lasting effects. Sehr giftig für Wasserorganismen, mit langfristiger Wirkung.

Precautionary statements

: P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ eye protection/ face protection.

**Prevention:**

P261

Precautionary Statement - Prevention

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ eye protection/ face protection.

**Response:**

P302 + P352

Precautionary Statement - Response

IF ON SKIN: Wash with plenty of soap and water.

**Storage:**

P405

Precautionary Statement - Storage

Store locked up.

**Disposal:**

P501

Precautionary Statement - Disposal

Dispose of contents/ container to an approved waste disposal plant.

**2.3 Other hazards**

No dangerous reaction known under conditions of normal use.

SAFETY DATA SHEET according to Regulation (EC) No 1907/2006

**ipox® TC330**

Version 10.18

Print Date: 14.10.2025  
Revision Date: 30.01.2024**3. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**

The declared content is calculated based on the molecular weight of Trimethylolpropane tri(3-mercaptopropionate) (CAS No 33007-83-9). The total content of Mono-, Di- and Tri-ester is min. 97 %.

**3.1 Substances****3.1.1 Classification REGULATION (EC) No 1272/2008****Hazardous components**

| Chemical name                                      | CAS-No.                | GHS Classification<br>(see ch. 16)                                                                                                | Concentration<br>[%] |
|----------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------|
|                                                    | EC-No.                 |                                                                                                                                   |                      |
|                                                    | Registration<br>number |                                                                                                                                   |                      |
| 1,1,1-Trimethylolpropane tri(3-mercaptopropionate) | 33007-83-9             | Acute Tox. 4; H302<br>Skin Sens. 1A;<br>H317<br>Aquatic Acute, 1,<br>M-Faktor 1; H400,<br>Aquatic Chronic, 1,<br>M-Faktor 1; H410 | >= 97                |
|                                                    | 251-336-1              |                                                                                                                                   |                      |
|                                                    | 01-2120770061-65       |                                                                                                                                   |                      |

For the full text of the H-Statements mentioned in this Section, see Section 16.

**4. FIRST AID MEASURES****4.1 Description of first aid measures****General advice**

Take off contaminated clothing and shoes immediately.

**Inhalation**

Remove to fresh air. Oxygen, if needed.

**Skin contact**

Wash off immediately with soap and plenty of water.

**Eye contact**

Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

**Ingestion**

Induce vomiting if person is conscious. Hold person's head low, to prevent aspiration (inhalation into the windpipe) Rinse mouth. If conscious, give the victim plenty of water to drink. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SAFETY DATA SHEET according to Regulation (EC) No 1907/2006

**ipox® TC330**

Version 10.18

Print Date: 14.10.2025  
Revision Date: 30.01.2024

#### **4.2 Most important symptoms and effects, both acute and delayed**

Lungs

Cough

Eyes

Inflammation

May cause sensitisation by skin contact.

Oral

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

This ester can cause moderately serious poisoning effects.

Elimination is therefore the main aim of treatment.

Due to its non-corrosive nature, elimination can be achieved through immediate vomiting or irrigation of the stomach if the chemical is ingested. It is helpful to give the person powdered carbon afterwards.

Take preventive measures against aspiration (intubation if necessary).

May cause sensitisation by skin contact.

Irritated areas of skin can be treated with corticosteroids.

Corticosteroids are effective following inhalation too.

Treat symptomatically.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

Foam

Carbon dioxide (CO<sub>2</sub>)

#### **5.2 Special hazards arising from the substance or mixture**

Hazardous decomposition products formed under fire conditions.

Sulphur oxides

Carbon monoxide

#### **5.3 Advice for firefighters**

##### **Special protective equipment for firefighters**

In the event of fire, wear self-contained breathing apparatus.

Use personal protective equipment.

##### **Additional advice**

Prevent fire extinguishing water from contaminating surface water or the ground water system.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Use water spray to cool unopened containers.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Exposure controls

Ensure adequate ventilation.

Avoid contact with the skin and the eyes.

SAFETY DATA SHEET according to Regulation (EC) No 1907/2006

**ipox® TC330**

Version 10.18

Print Date: 14.10.2025  
Revision Date: 30.01.2024

For personal protection see section 8.  
Evacuate personnel to safe areas.  
Keep people away from and upwind of spill/leak.

### 6.2 Environmental precautions

Do not allow contact with soil, surface or ground water.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Treat recovered material as described in the section "Disposal considerations".

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Advice on safe handling : Exposure controls  
Handle and open container with care.  
Ventilate the area.  
Use only in area provided with appropriate exhaust ventilation.  
Avoid contact with skin and eyes.  
Ensure that eye flushing systems and safety showers are located close to the working place.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.  
To avoid thermal decomposition, do not overheat.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.  
Store at room temperature in the original container.

Further information on storage conditions : Store in accordance with the particular national regulations.

Advice on common storage : Keep away from oxidizing agents.  
Keep away from food, drink and animal feedingstuffs.

### 7.3 Specific end use(s)

For further information, refer to the product technical data sheet.

Storage temperature : < 25 °C

Other data : For further information, refer to the product technical data sheet.

SAFETY DATA SHEET according to Regulation (EC) No 1907/2006

**ipox® TC330**

Version 10.18

Print Date: 14.10.2025  
Revision Date: 30.01.2024

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

| CAS-No. | Identification | Value                                                                                                                                                | Basis | Note |
|---------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|
|         | DNEL           | : End Use: Workers<br>Exposure routes: Inhalation exposure, Long-term<br>Potential health effects: Systemic effects<br>Value: 0,49 mg/m <sup>3</sup> |       |      |
|         | DNEL           | : End Use: Workers<br>Exposure routes: Dermal exposure, Long-term<br>Potential health effects: Systemic effects<br>Value: 0,14 mg/kg bw/day          |       |      |
|         | PNEC           | : Fresh water<br>Value: 0,156 µg/l                                                                                                                   |       |      |

### 8.2 Exposure controls

#### Engineering measures

Use only in area provided with appropriate exhaust ventilation.

#### 8.2.1 Occupational exposure controls

##### Personal protective equipment

**a) Respiratory protection** : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.  
Recommended Filter type: A  
The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.  
Follow the instructions for use issued by the producer.

**b) Hand protection** : Protective gloves

Polychloroprene / Layer thickness 0,5 - 0,7 mm / Break through time > 480 min (level 6) / EN 374-3

Butyl-rubber / Layer thickness 0,6 - 0,8 mm / Break through time > 480 min (level 6) / EN 374

Nitrile latex / Layer thickness 0,4 mm / Break through time > 480 min (level 6) / EN 374

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Version 10.18

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General recommendation: the usage time for protective gloves is approx. 50% of the breakthrough time measured in the laboratory.

- c) Eye protection** : Wear eye/face protection.  
Tightly fitting safety goggles
- d) Skin and body protection** : Wear closed work/protective clothing. When working outside a closed system, additionally put on aprons made of polyethylene (PE).
- e) Hygiene measures** : Provide sufficient air exchange and/or exhaust in work rooms.  
Wash hands before breaks and at the end of workday.  
Preventive skin protection  
Avoid contact with the skin and the eyes.  
Do not eat, drink or smoke when using this product.  
Handle in accordance with good industrial hygiene and safety practice.  
Keep working clothes separately.  
Take off contaminated clothing and wash before reuse.  
Exposure controls

### 8.2.2 Environmental exposure controls

- General advice : Do not allow contact with soil, surface or ground water.  
If the product contaminates rivers and lakes or drains inform respective authorities.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- Form : liquid
- Colour : colourless to slight yellow
- Odour : characteristic
- Flash point : 195 °C  
Method: ASTM D 93-97
- Metal corrosivity :  
Not applicable
- pH : Note: Not applicable
- Boiling point/boiling range : 480 °C  
at 1.013 hPa  
Method: calculated
- Vapour pressure : Method: calculated

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Note: 2.3 E-09 Torr (25°C)

Density : 1,21 g/cm<sup>3</sup>  
at 20 °C  
Method: DIN 51757

Partition coefficient: n-octanol/water : log Pow: 3  
Method: calculated

### 9.2 Other data

Further information : For further information, refer to the product technical data sheet.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Storage temperature : < 25 °C

Note : For further information, refer to the product technical data sheet.

### 10.3 Hazardous reactions

Response : Hazardous decomposition products formed under fire conditions.

Note Stability :

### 10.4 Conditions to avoid

Note Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

### 10.5 Incompatible materials to avoid

Keep away from oxidizing agents.

### 10.6 Hazardous decomposition products

In case of fire hazardous decomposition products may be produced such as:  
Sulphur oxides

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## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicology, Metabolism, Distribution : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Sensitisation : May cause sensitisation by skin contact.

#### Acute toxicity

Acute oral toxicity : LD50: 1.000 mg/kg  
Method: analogous conclusion  
Test substance: pentaerythritol tera(3-mercaptopropionate)  
Remarks: analogous conclusion

#### Sensitisation

Result: Causes sensitisation.  
Species: Guinea pig  
Method: Magnusson & Kligman  
Test substance: pentaerythritol tera(3-mercaptopropionate)  
Remarks: analogous conclusion

#### General remarks

Other dangerous properties can not be excluded.

#### 11.2 Information on other hazards

##### Toxicology, Metabolism, Distribution

##### Product:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity to fish : LC50 (96 h): 0,42 mg/l  
Species: Oncorhynchus mykiss (rainbow trout)

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Method: OECD 203  
Test substance: pentaerythritol tera(3-mercaptopropionate)  
Note: analogous conclusion

: LC50 (96 h): 0,153 mg/l  
Species: Oncorhynchus mykiss (rainbow trout)  
Method: OECD Test Guideline 203  
Note: analogous conclusion

Toxicity to daphnia : EC50 (48 h): 0,71 mg/l  
Species: Daphnia magna  
Method: OECD 202  
Test substance: pentaerythritol tera(3-mercaptopropionate)  
Note: analogous conclusion

Toxicity to algae : Method: OECD 201  
Test substance: pentaerythritol tera(3-mercaptopropionate)  
Note: There is no effect until the substance has reached maximum solubility, Read-across (Analogy)

## 12.2 Persistence and degradability

### Ecotoxicology Assessment

#### Further information on ecology

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water : log Pow: 3  
Method: calculated

Bioaccumulation : Bioconcentration factor (BCF): 116  
Method: calculated  
Remarks: analogous conclusion

### 12.4 Mobility in soil

Distribution among environmental compartments : Remarks:  
No data available

Additional advice Environmental fate and pathways : Remarks:  
No data available

### 12.5 Results of PBT and vPvB assessment

Substance is not persistent, bioaccumulative, and toxic (PBT).

### 12.6 Endocrine disrupting properties

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**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects**

**Product:**

Environmental fate and pathways : No data available

---

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Waste from residues / unused products**

Avoid release to the environment.  
Can be incinerated, when in compliance with local regulations.  
This material and its container must be disposed of as hazardous waste.

**Disposal of contaminated packaging**

This material and its container must be disposed of as hazardous waste.

**Suitable cleaning agents**

industrial cleaning agent

**Waste Code**

16 05 08 : discarded organic chemicals consisting of or containing dangerous substances

**Additional advice**

The allocation of waste key numbers must be conducted according to specific industrial sectors and processes.  
Above-mentioned waste code number is valid for the unused product.  
Obtain approval of the relevant authorities before discharging into a sewage treatment plant.  
This material and its container must be disposed of as hazardous waste.

---

**14. TRANSPORT INFORMATION**

**14.1 UN number or ID number**

ADR : UN 3082  
IMDG : UN 3082  
IATA : UN 3082

**14.2 UN proper shipping name**

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**ADR** : UMWELTGEFÄHRDENDER STOFF, FLÜSSIG, N.A.G.  
(Trimethylolpropantri(3-mercaptopropionat))

**IMDG** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
(trimethylolpropane tri(3-mercaptopropionate))

**IATA** : Environmentally hazardous substance, liquid, n.o.s.  
(Trimethylolpropane Tri(3-mercaptopropionate))

**14.3 Transport hazard class(es)**

|             | Class | Subsidiary risks |
|-------------|-------|------------------|
| <b>ADR</b>  | : 9   |                  |
| <b>IMDG</b> | : 9   |                  |
| <b>IATA</b> | : 9   |                  |

**14.4 Packing group**

Remarks : No dangerous reaction known under conditions of normal use.

**ADR**

Packing group : III

Hazard Identification Number : 90

Labels : 9

Remarks : No dangerous reaction known under conditions of normal use.

**IMDG**

Packing group : III

Labels : 9

EmS Code : F-A, S-F

**IATA (Cargo)**

Packing instruction (cargo aircraft) : 964

Packing group : III

Labels : Miscellaneous

Remarks : No dangerous reaction known under conditions of normal use.

**IATA (Passenger)**

Packing instruction (passenger aircraft) : 964

Packing group : III

Labels : Class 9

Remarks : No dangerous reaction known under conditions of normal use.

**14.5 Environmental hazards**

**ADR**

Environmentally hazardous : yes

**IMDG**

Marine pollutant : yes

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Print Date: 14.10.2025  
Revision Date: 30.01.2024

#### 14.6 Special precautions for user

Remarks : No dangerous reaction known under conditions of normal use.

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

### 15. REGULATORY INFORMATION

**Labelling 67/548/EEC and 1999/45/EC**

**Hazardous components which must be listed on the label:**

\* 1,1,1-Trimethylolpropane tri(3-mercaptopropionate)

**Further information** : Classification and labelling is based on analogous conclusion.

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Take note of Dir 94/33/EC on the protection of young people at work.

Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

### 16. OTHER INFORMATION

#### Training advice

Before using this product safety instructions have to be given.

#### Further information

The data in this data sheet only refer to the described product, unless it is specially mentioned. The above information is believed to be accurate and represents the best information currently available to us. However we make no warranty of merchantability or any warranty, expressed or implied, with respect to such information and we assume no liability resulting from us. Users should make their own investigations to determine the suitability of information for their particular purposes.



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SAFETY DATA SHEET according to Regulation (EC) No 1907/2006

**ipox® TC330**

Version 10.18

Print Date: 14.10.2025  
Revision Date: 30.01.2024

The Safety Data Sheet contains safety-relevant data only and is not intended as a substitute for the information in the Technical Bulletin or the Specification Sheet.

This data sheet contains changes from the previous version in section(s):

8. Exposure controls/personal protection

**Sources of key data used to compile the Safety Data Sheet**

RTECS: Registry of Toxic Effects of Chemical Substances

Unpublished test reports

Internal information

---

Shipper  
WORLEE-CHEMIE GMBH  
GRUSONSSTRASSE 26  
221 13 HAMBURG  
GERMANY

B/L No.  
VER283469



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163706

Copy

Consigned to order of  
MOCA Y COMPANIA S.A. DE C.V.  
AV. PASEO DE LA REFORMA NO. 231-702  
COL. CUAUHTEMOC, C.P. 06500,  
CIUDAD DE MEXICO, MEXICO  
R.F.C. MOC-880505-FX2  
EMAIL:OCRUZ@MOCAYCO.COM.MX

Notify Party and address  
MOCA Y COMPANIA S.A. DE C.V.  
AV. PASEO DE LA REFORMA NO. 231-702  
COL. CUAUHTEMOC, C.P. 06500,  
CIUDAD DE MEXICO, MEXICO  
R.F.C. MOC-880505-FX2  
EMAIL:OCRUZ@MOCAYCO.COM.MX

|                                                                                                                                                                    |                                   |                                                                                                     |                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                                                                                                                                                                    |                                   | Place of receipt<br>HAMBURG CFS                                                                     |                                                                                         |
| Ocean vessel<br>GSL MARIA 614W                                                                                                                                     |                                   | Port of loading<br>HAMBURG                                                                          |                                                                                         |
| Port of discharge<br>VERACRUZ                                                                                                                                      | Place of delivery<br>VERACRUZ CFS |                                                                                                     | Freight payable<br>HAMBURG                                                              |
|                                                                                                                                                                    |                                   | Number of original Bills of Lading<br>0/ZERO                                                        |                                                                                         |
| Marks and Nos.<br>ORIGIN: GERMANY<br>PURCHASE ORDER: 26<br>051<br>LOT NUMBER:<br>20004586-50<br>VERACRUZ PORT,<br>MEXICO<br>STOWED INTO CONTAINER NO.: MRKU6424627 | Quantity of Goods<br>1 PALLET     | Description of Goods<br>IPOX TCD 330<br>1 PLASTIC DRUM<br>HS CODE: 293090<br>UN 3082/CLASS 9/PG III | Said to contain<br>Gross weight, kg.<br>258,000<br>Measurement, m <sup>3</sup><br>0,749 |
|                                                                                                                                                                    |                                   | SEAL : B136750                                                                                      |                                                                                         |

**TOTAL** **1 PALLET** **258,000 KGS** **0,749 CBM**

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA, C.P. 06700 MEXICO D.F.  
TEL:005255146915, FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
- assumes liability as prescribed in this document for such transport.

**One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.**

IN WITNESS whereof three (3) original Bills of Lading have been signed, if not otherwise stated above, one of which being accomplished the other(s) to be void.

Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

**Note:**

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

Shipper  
QUALIFIED CARGO SOLUTIONS GMBH  
HESSENING 30  
64546 MOERFELDEN-WALLDORF  
GERMANY  
TAX-ID: DE111656032

B/L No.  
VER283498



SACO SHIPPING LINE LTD

Consigned to order of

SEA BRIDGE MEXICO SA DE CV  
LAGUNA DE TERMINOS 221 TORRE B PISO 5  
OFICINA 504 COL. GRANADA C.P 11520  
ALC. MIGUEL HIDALGO, CDMX, MEXICO  
TAX ID: SBM0601253SA TEL: +52 55 4161 5990/3  
NOTIFICATIONS@SEABRIDGE.MX

Notify Party and address

SEA BRIDGE MEXICO SA DE CV  
LAGUNA DE TERMINOS 221 TORRE B PISO 5  
OFICINA 504 COL. GRANADA C.P 11520  
ALC. MIGUEL HIDALGO, CDMX, MEXICO  
TAX ID: SBM0601253SA TEL: +52 55 4161 5990/3  
NOTIFICATIONS@SEABRIDGE.MX

SACO SHIPPING LINE LIMITED

44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

ALL COSTS, CHARGES,  
LIABILITIES AND DELAYS  
RESULTING FROM EMERGENCY  
QUARANTINE FOR WOOD AND  
WOODEN PACKAGING OR FROM  
INSUFFICIENT OR IMPROPER  
LABELLING OF NON-WOODEN  
PACKAGING ARE FOR  
CUSTOMER'S ACCOUNT

6/04/HAM/163744

Copy

|                                                                                    |                                   |                                                                                                                                                          |                                                                       |
|------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
|                                                                                    |                                   | Place of receipt<br>HAMBURG CFS                                                                                                                          |                                                                       |
| Ocean vessel<br>GSL MARIA 614W                                                     |                                   | Port of loading<br>HAMBURG                                                                                                                               |                                                                       |
| Port of discharge<br>VERACRUZ                                                      | Place of delivery<br>VERACRUZ CFS | Freight payable<br>VERACRUZ                                                                                                                              | Number of original Bills of Lading<br>0/ZERO                          |
| Marks and Nos.<br>SCHNORR GROUP DE<br>MEXICO S DE RL DE<br>CV<br>INVOICE: 23729373 | Quantity of Goods<br>3 PALLETS    | Description of Goods<br>SAID TO CONTAIN<br>DISC SPRINGS, LOAD WASHERS AND<br>SAFE<br>TY WASCHERS OUT OF STEEL<br>HS: 73182100, 73209030<br>NON-STACKABLE | Gross weight, kg.<br>1517,000<br>Measurement, m <sup>3</sup><br>1,757 |
| STOWED INTO CONTAINER NO.: MRKU6424627                                             |                                   | SEAL : B136750                                                                                                                                           |                                                                       |

**TOTAL** **3 PALLETS** **1517,000 KGS** **1,757 CBM**

FREIGHT COLLECT - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVIC. INTERNACION. DE COMERCIO  
COLIMA 114 DESPACHO 201  
COLONIA ROMA, C.P. 06700, MEXICO DF  
PH: 514-69 15 FX: 208-79-8  
INT-961206-ES7

Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

Note:

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
- assumes liability as prescribed in this document for such transport.

**One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.**

IN WITNESS whereof three (3) original Bills of Lading have been signed, if not otherwise stated above, one of which being accomplished the other(s) to be void.

Place and date of issue  
BREMEN 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

SACO Shipping GmbH  
Wolkämmereistraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



## BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

VER283606\_1\_1/2

nach §6 GGVSee (IMO-ERKLÄRUNG)  
TRANSPORT DOCUMENT FOR DANGEROUS GOODS  
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4  
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Versender (Name & Anschrift) / Shipper (Name & Address)<br>PPG Industries Lackfabrik GmbH<br>Erlenbrunnenstr. 22<br>72411 Bodelshausen<br>Germany                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                          | Buchungsnummer(n) / Reference number(s)                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Empfänger / Consignee<br>PPG Industries de Mexico S.A. de C.V. c/o<br>A.A. Sergio Rivas Lozano<br>Libramiento a Tequisquiapan 66, Zona Industrial<br>San Juan del Rio, Qro. C.P. 76800 / Mexico                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          | Beförderer / Carrier                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>CONTAINER/FAHRZEUG-PACKZERTIFIKAT</b><br><b>CONTAINER/VEHICLE PACKING CERTIFICATE</b><br><b>ERKLÄRUNG</b><br>Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde.<br><b>DECLARATION</b><br>It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1.<br><b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b><br><b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          | Container-/Fahrzeug-Nr.:<br>Container-/Vehicle-Nr.:                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          | Name/Funktion, Unternehmen/Organisation des Unterzeichners/Name/status, company/organization of signatory<br>BRIEM Spedition GmbH/Shipping Manager                                                                                                         |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          | Ort und Datum/<br>Place and date:                                                                                                                                                                                                                          | Münsingen                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Schiffsname und Nummer der Reise/<br>Ship's name and voyage No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                          | Unterschrift für den Packer/<br>Signature on behalf of packer                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Ladehafen/<br>Port of loading<br>Hamburg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                          | Frei für Text, Anweisungen und sonstige Angaben/Reserved for text, instructions or other matter<br>24 hr emergency response no. 001-412-391-1618<br>CHEMTREC / PPG Industries Inc contract # CCN17704<br>Consignee phone: + 52 427 271 9100 Rodrigo Puente |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Löschhafen /<br>Port of discharge<br>Veracruz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                          |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UN-Nr.<br>UN-No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Inhalt (richtiger technischer Name) *<br>Proper Shipping Name (Correct technical name) * | Klasse/Unter-<br>klasse nach<br>IMO<br>IMO-Class                                                                                                                                                                                                           | Verpackungs-<br>gruppe/<br>Packing<br>group                                                                                                                                                                                                                                                                              | Markierung der Versandstücke<br>Falls zutreffend, Identifikations-Nummer<br>oder amtl. Kennzeichen<br>Marks & Nos, if applicable, identification<br>or registration number(s) of the Unit | Anzahl und Verp.-Art/<br>No. and kind of packages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PAINT RELATED MATERIAL                                                                   | 3                                                                                                                                                                                                                                                          | III                                                                                                                                                                                                                                                                                                                      | PPG8460-302/A<br>Additives Clear 2nd component for<br>PAM                                                                                                                                 | 7 fibreboard boxes<br>(4G) cont.76 metal tins ( 1A1)<br>1.3 L/ tin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PAINT                                                                                    | 3                                                                                                                                                                                                                                                          | III                                                                                                                                                                                                                                                                                                                      | PPG7940-303/B Gold Aerosol<br>Internal Liner Type 7940                                                                                                                                    | 11 steel drums<br>(1A2) 198 L / drum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Bruttomenge (Volumen/Masse)<br>Gross quantity (volume/mass)<br>Nettomenge (Volumen/Masse)<br>Net quantity (volume/mass)<br>Netto Explosivstoffmasse*** Net explosive mass ***                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                          | Merkblatt-Nr. für<br>Unfall-<br>Maßnahmen<br>EmS-Code                                                                                                                                                                                                      | Eigenschaften/Properties<br>Flammpunkt/Flashpoint**<br>MARINE POLLUTANT<br>Kontroll- und Notfalltemperatur **<br>Control- and emergency temperature **                                                                                                                                                                   |                                                                                                                                                                                           | Güter angeliefert als/Goods delivered as:<br><input checked="" type="checkbox"/> Stückgut/Breakbulk cargo<br><input type="checkbox"/> Ladungseinheiten (Unit Loads)<br>Unitized cargo<br><input type="checkbox"/> Bulkverpackungen/Bulk packages<br>Art der Einheit<br>(Container, Anhänger, Tank, Fahrzeug usw.)<br>Type of unit<br>(Container, trailer, tank, vehicle etc.)<br><input type="checkbox"/> offen/open<br><input type="checkbox"/> geschlossen/closed<br>Zutreffendes ankreuzen/Insert "X" in appropriate box<br><br>(Diese Spalte kann bis auf die Überschrift frei-<br>gelassen werden; in diesem Fall ist die zutreffende<br>Beschreibung einzusetzen.)<br><br>(This column may be left empty apart from the heading,<br>in which case insert appropriate description.) |
| 113 kg gross / 98,8 kg net                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                          | F-E, S-E                                                                                                                                                                                                                                                   | FP +38°C for PPG8460-302/A                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2411 kg gross / 2200 kg net                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          | F-E, S-E                                                                                                                                                                                                                                                   | FP + 37°C for PPG7940-303/B                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;</p> <p><b>ZUSÄTZLICHE ANGABEN</b><br/>Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).<br/><b>ADDITIONAL INFORMATION</b><br/>In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).</p> |                                                                                          |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ERKLÄRUNG</b><br>Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand.<br><b>DECLARATION</b><br>I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.                                                                                                                                                                                                             |                                                                                          |                                                                                                                                                                                                                                                            | Name/Funktion, Unternehmen/Organisation des Unterzeichners<br>Name/status, company/organization of signatory<br><br>Carmen Didra /Distribution PPG Industries Lackfabrik GmbH<br><br>Ort und Datum<br>Place and date Bodelshausen, 13-March-2026<br><br>Unterschrift für den Versender<br>Signature on behalf of shipper |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Kapitel 5.4/5.5 (IMDG-CODE)

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## 5.4 Besondere Angaben müssen gemacht werden:

- für Güter der Klasse 1 (siehe 5.4.1.5.9);
- für selbstzersetzliche Stoffe der Klasse 4.1 und für organische Peroxide der Klasse 5.2 (siehe 5.4.1.5.5);
- für ansteckungsgefährliche Stoffe (siehe 5.4.1.5.6);
- für radioaktive Stoffe (siehe 5.4.1.5.7.1);
- für Abfälle (siehe 5.4.1.4.3.3);
- für erwärmte Güter (siehe 5.4.1.4.3.4);
- für begrenzte Mengen (siehe 5.4.1.5.2);
- für Bergungsverpackungen (siehe 5.4.1.5.3);
- für leere ungereinigte Verpackungen und Tanks (siehe 5.4.1.4.3.2);
- für viskose Stoffe (siehe 5.4.1.5.10);
- für Gesamtmenge der gefährlichen Güter (siehe 5.4.1.5.1);
- für die Zusammenladung von Säuren und Alkalien (siehe 5.4.1.5.11.3);

Unter bestimmten Umständen sind besondere Bescheinigungen erforderlich wie z. B.:

- ein **Container/Fahrzeug-Packzertifikat (siehe 5.4.2.1)**;
- eine Wetterungsbescheinigung (soweit in der Gefahrgutliste gefordert) (siehe 5.4.4.1);
- eine Bescheinigung, dass ein Stoff, Material oder Gegenstand von den Vorschriften des IMDG-Codes ausgenommen ist (z.B. siehe Stoffseiten für Holzkohle, Fischmehl, Ölkuchen) (siehe 5.4.4.1);
- bei neuen selbstzersetzlichen Stoffen und organischen Peroxiden oder neuen Zubereitungen bereits zugeordneter selbstzersetzlicher Stoffe und organischer Peroxide eine Erklärung der zuständigen Behörde des Ursprungslandes über festgelegte Klassifizierungs- und Beförderungsbedingungen (siehe 5.4.4.1);

## 5.4.3 Auf Schiffen erforderliche Dokumentation

5.4.3.1 Jedes Schiff, das gefährliche Güter und Meeresschadstoffe befördert, muss eine besondere Liste oder ein Manifest (FAL.2/Circ.51/Rev.1 kann zu diesem Zweck verwendet werden) mitführen, worin gemäß Regel VII/4.5 von SOLAS, 1974, in der jeweils geänderten Fassung und gemäß Regel 4 Absatz 3 der Anlage III von MARPOL 73/78 die an Bord befindlichen gefährlichen Güter und Meeresschadstoffe sowie ihr Stauplatz aufgeführt sind. Anstelle der besonderen Liste oder des Manifestes kann ein ausführlicher Stauplan verwendet werden, in dem alle gefährlichen Güter und Meeresschadstoffe nach Klassen bezeichnet sind und ihr Stauplatz angegeben ist. Grundlage für diese Liste oder dieses Manifest der gefährlichen Güter oder Meeresschadstoffe sind die nach diesem Code erforderlichen Beförderungsdokumente und Bescheinigungen. Außer den nach 5.4.1.4 und 5.4.1.5 erforderlichen Angaben, müssen mindestens der Stauplatz und die Gesamtmenge der gefährlichen Güter und Meeresschadstoffe angegeben sein. Eine Ausfertigung eines dieser Dokumente ist der von der Hafenstaatbehörde bezeichneten Person oder Organisation vor dem Auslaufen des Schiffes zur Verfügung zu stellen.

5.4.4.2 Beförderungspapiere für den Transport von Beförderungseinheiten unter Begasung müssen das Begasungsdatum +/- Uhrzeit und Angaben über Art und Menge des verwendeten Begasungsmittels enthalten. Außerdem müssen Anweisungen zur Beseitigung von Begasungsmittelresten einschließlich der Begasungsgeräte (sofern verwendet) gegeben werden.

## Chapter 5.4/5.5 (IMDG-CODE)

## 5.4 Special information is required:

- for goods of class 1 (see 5.4.1.5.9);
- for self-reactive substances in class 4.1 and for organic peroxides of class 5.2 (see 5.4.1.5.5);
- for infectious substances (see 5.4.1.5.6);
- for radioactive materials (see 5.4.1.5.7.1);
- for wastes (see 5.4.1.4.3.3);
- for elevated temperature materials (see 5.4.1.4.3.4);
- for dangerous goods packed in limited quantities (see 5.4.1.5.2);
- for salvage packagings (see 5.4.1.5.3);
- for empty uncleaned packagings and tanks (see 5.4.1.4.3.2);
- for viscous substances (see 5.4.1.5.10);
- for the total quantity of the dangerous goods (see 5.4.1.5.1);
- for the transport in the same cargo transport unit (see 5.4.1.5.11.3);

In certain circumstances special certificates are required such as:

- a CTU packing certificate (see 5.4.2.1);
- a weathering certificate as required in the individual schedules (see 5.4.4.1);
- a certificate exempting a substance, material or article from the provisions of the IMDG-Code (e.g. see individual entries for charcoal, fishmeal, seedcake) (see 5.4.4.1);
- for new self-reactive substances and organic peroxides or new formulations of currently assigned self-reactive substances and organic peroxides, a statement by the competent authority of the country of origin of the approved classification and conditions of carriage (see 5.4.4.1);

## 5.4.3 Documentation required aboard the ship

5.4.3.1 Each ship carrying dangerous goods and marine pollutants shall have a special list or manifest (FAL.2/Circ.51/Rev.1 may be used for this purpose) setting out, in accordance with regulation 4.5 of chapter VII of SOLAS, 1974, as amended, and with regulation 4(3) of Annex III of MARPOL 73/78, the dangerous goods and marine pollutants and the location thereof. A detailed stowage plan, which identifies by class and sets out the location of all dangerous goods and marine pollutants, may be used in place of such a special list or manifest. This dangerous goods or marine pollutants list or manifest shall be based on the documentation and certification required in this Code and shall at least contain, in addition to the information in 5.4.1.4 and 5.4.1.5, the stowage location and the total quantity of the dangerous goods and marine pollutants. A copy of one of these documents shall be made available before departure to the person or organization designated by the port State authority.

5.4.4.2 Transport documents associated with the carriage of cargo transport units under fumigation should show the date of fumigation +/- time and the type and amount of the fumigant used. In addition, instructions for disposal of a residual fumigant, including fumigation devices (if used), should be provided.

# SAFETY DATA SHEET



Conforms to Official Mexican Standard NOM-018-STPS-2015

Date of revision 22 September 2025

Date of issue 22 September 2025

Version 3

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product name** : PPG7940-303/B Gold Aerosol Internal Liner Type 7940

**Product code** : PPG7940-303/B-D2NA

**Other means of identification** : Not applicable.

**Product type** : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

**Product use** : Industrial applications.

**Use of the substance/mixture** : Coating.

**Uses advised against** : Not applicable.

**Manufacturer** : PPG Industries, Inc.  
One PPG Place  
Pittsburgh, PA 15272

**Emergency telephone number** : (412) 434-4515 (U.S.)  
(514) 645-1320 (Canada)  
SETIQ Interior de la República: 800-00-214-00 (México)  
SETIQ Ciudad de México: (55) 5559-1588 (México)

**Technical Phone Number** : (513) 576-3145 (PACKAGING COATINGS) 8:00 a.m. - 5:00 p.m. EST

## SECTION 2: Hazards identification

**Classification of the substance or mixture** : ☒ FLAMMABLE LIQUIDS - Category 3  
ACUTE TOXICITY (oral) - Category 5  
ACUTE TOXICITY (inhalation) - Category 4  
SKIN IRRITATION - Category 2  
SERIOUS EYE DAMAGE - Category 1  
CARCINOGENICITY - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
☒ Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity:  
12.4% (oral), 12.4% (dermal), 55% (inhalation)

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Product code** PPG7940-303/B-D2NA**Date of issue** 22 September 2025 **Version** 3**Product name** PPG7940-303/B Gold Aerosol Internal Liner Type 7940**SECTION 2: Hazards identification**

**Hazard statements** : H226 - Flammable liquid and vapor.  
 H303 - May be harmful if swallowed.  
 H315 - Causes skin irritation.  
 H318 - Causes serious eye damage.  
 H332 - Harmful if inhaled.  
 H351 - Suspected of causing cancer.  
 H373 - May cause damage to organs through prolonged or repeated exposure.  
 (hearing organs)

**Precautionary statements**

**Prevention** : P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P280 - Wear protective gloves, protective clothing and eye or face protection.  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P260 - Do not breathe vapor.  
 P264 - Wash thoroughly after handling.

**Response** : P308 + P313 - IF exposed or concerned: Get medical advice or attention.  
 P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.  
 P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 P332 + P313 - If skin irritation occurs: Get medical advice or attention.  
 P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or doctor.

**Storage** : P405 - Store locked up.

**Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other hazards which do not result in classification** : May form explosive peroxides. Hazardous reactions or instability may occur under certain conditions of storage or use. Contains a substance that may emit formaldehyde if stored beyond its shelf life and/or during cure at curing temperatures greater than 60C ( 140F). Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Emits toxic fumes when heated.

See toxicological information (Section 11)

**SECTION 3: Composition/information on ingredients**

**Substance/mixture** : Mixture  
**Product name** : PPG7940-303/B Gold Aerosol Internal Liner Type 7940  
**Other means of identification** : Not applicable.

Product code PPG7940-303/B-D2NA

Date of issue 22 September 2025 Version 3

Product name PPG7940-303/B Gold Aerosol Internal Liner Type 7940

### SECTION 3: Composition/information on ingredients

| Ingredient name                 | %           | CAS number |
|---------------------------------|-------------|------------|
| 2-(2-ethoxyethoxy)ethanol       | ≥10 - ≤20   | 111-90-0   |
| xylene                          | ≥10 - ≤12   | 1330-20-7  |
| benzyl alcohol                  | ≥5.0 - ≤10  | 100-51-6   |
| 2-methoxy-1-methylethyl acetate | ≥5.0 - ≤9.6 | 108-65-6   |
| butan-1-ol                      | ≥5.0 - ≤7.5 | 71-36-3    |
| (2-methoxymethylethoxy)propanol | ≥5.0 - ≤10  | 34590-94-8 |
| ethylbenzene                    | ≥1.0 - ≤4.0 | 100-41-4   |
| 1-methoxy-2-propanol            | ≤1.3        | 107-98-2   |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### Description of necessary first aid measures

- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Harmful if inhaled.
- Skin contact** : Causes skin irritation. Defatting to the skin.
- Ingestion** : May be harmful if swallowed.

#### Over-exposure signs/symptoms

See toxicological information (Section 11)

#### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Product code PPG7940-303/B-D2NA

Date of issue 22 September 2025 Version 3

Product name PPG7940-303/B Gold Aerosol Internal Liner Type 7940

## SECTION 5: Firefighting measures

### Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

**Specific hazards arising from the chemical** : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon oxides  
Formaldehyde.

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Product code PPG7940-303/B-D2NA

Date of issue 22 September 2025 Version 3

Product name PPG7940-303/B Gold Aerosol Internal Liner Type 7940

## SECTION 7: Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Special precautions** : Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. May form explosive peroxides. Keep away from combustible materials. Avoid shock and friction. Avoid all possible sources of ignition (spark or flame). If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store between the following temperatures: 5 to 35°C (41 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 8: Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name                                                 | Exposure limits                                                                                                                     |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 2-(2-ethoxyethoxy)ethanol<br>xylene                             | None.<br><b>NOM-010-STPS-2014 (Mexico, 4/2016)</b><br><b>[Xileno, mezcla]</b><br>STEL 15 minutes: 150 ppm.<br>TWA 8 hours: 100 ppm. |
| benzyl alcohol<br>2-methoxy-1-methylethyl acetate<br>butan-1-ol | None.<br>None.<br><b>NOM-010-STPS-2014 (Mexico, 4/2016)</b><br>TWA 8 hours: 20 ppm.                                                 |
| (2-methoxymethylethoxy)propanol                                 | <b>NOM-010-STPS-2014 (Mexico, 4/2016) [Metil-2-metoxietoxi] propanol</b> Absorbed through skin.<br>TWA 8 hours: 100 ppm.            |

Product code PPG7940-303/B-D2NA

Date of issue 22 September 2025 Version 3

Product name PPG7940-303/B Gold Aerosol Internal Liner Type 7940

## SECTION 8: Exposure controls/personal protection

ethylbenzene

STEL 15 minutes: 150 ppm.

**NOM-010-STPS-2014 (Mexico, 4/2016)**

TWA 8 hours: 20 ppm.

1-methoxy-2-propanol

**NOM-010-STPS-2014 (Mexico, 4/2016)**

STEL 15 minutes: 150 ppm.

TWA 8 hours: 100 ppm.

### Key to abbreviations

C = Ceiling Limit

IPEL = Internal Permissible Exposure Limit

STEL = Short term exposure limit

TLV = Threshold Limit Value

TWA = Time Weighted Average

### Consult local authorities for acceptable exposure limits.

**Recommended monitoring procedures** : Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Chemical splash goggles and face shield.

#### Skin protection

##### Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

##### Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

##### Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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## SECTION 8: Exposure controls/personal protection

**Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

## SECTION 9: Physical and chemical properties

### Appearance

**Physical state** : Liquid.  
**Color** : Yellow.  
**Odor** : Characteristic.  
**Odor threshold** : Not available.  
**Molecular weight** : Not applicable.  
**pH** : Not applicable.  
**Melting point** : Not available.  
**Boiling point** : >37.78°C (>100°F)  
**Flash point** : Closed cup: 37°C (98.6°F)  
**Auto-ignition temperature** : Not available.  
**Decomposition temperature** : Not available.  
**Flammability** : Not available.  
**Lower and upper explosive (flammable) limits** : Not available.  
**Evaporation rate** : Not available.  
**Vapor pressure** : Not available.  
**Vapor density** : Not available.  
**Relative density** : 1.01  
**Density ( lbs / gal )** : 8.43

| Media      | Result      |
|------------|-------------|
| cold water | Not soluble |

**Solubility(ies)** :  
**Solubility in water** : Not available.  
**Partition coefficient: n-octanol/water** : Not applicable.  
**Viscosity** : Dynamic (room temperature): Not available.  
 Kinematic (room temperature): Not available.  
 Kinematic (40°C (104°F)): >21 mm<sup>2</sup>/s (>21 cSt)  
**% Solid. (w/w)** : 37.15

## SECTION 10: Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Product code** PPG7940-303/B-D2NA**Date of issue** 22 September 2025 **Version** 3**Product name** PPG7940-303/B Gold Aerosol Internal Liner Type 7940

## SECTION 10: Stability and reactivity

**Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products.  
Refer to protective measures listed in sections 7 and 8.

**Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

**Hazardous decomposition products** : Depending on conditions, decomposition products may include the following materials: carbon oxides Formaldehyde.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name         | Result                          | Species | Dose                    | Exposure |
|---------------------------------|---------------------------------|---------|-------------------------|----------|
| 2-(2-ethoxyethoxy)ethanol       | LD50 Dermal                     | Rabbit  | 8.5 g/kg                | -        |
|                                 | LD50 Oral                       | Rat     | 5.5 g/kg                | -        |
| xylene                          | LD50 Dermal                     | Rabbit  | 1.7 g/kg                | -        |
|                                 | LD50 Oral                       | Rat     | 4.3 g/kg                | -        |
| benzyl alcohol                  | LC50 Inhalation Dusts and mists | Rat     | >5 mg/l                 | 4 hours  |
|                                 | LD50 Dermal                     | Rabbit  | >2000 mg/kg             | -        |
|                                 | LD50 Oral                       | Rat     | 1200 mg/kg              | -        |
| 2-methoxy-1-methylethyl acetate | LC50 Inhalation Vapor           | Rat     | 30 mg/l                 | 4 hours  |
|                                 | LD50 Dermal                     | Rabbit  | >5 g/kg                 | -        |
|                                 | LD50 Oral                       | Rat     | 6190 mg/kg              | -        |
| butan-1-ol                      | LC50 Inhalation Vapor           | Rat     | 24000 mg/m <sup>3</sup> | 4 hours  |
|                                 | LD50 Dermal                     | Rabbit  | 3400 mg/kg              | -        |
|                                 | LD50 Oral                       | Rat     | 790 mg/kg               | -        |
| ethylbenzene                    | LC50 Inhalation Vapor           | Rat     | 17.8 mg/l               | 4 hours  |
|                                 | LD50 Dermal                     | Rabbit  | 17.8 g/kg               | -        |
|                                 | LD50 Oral                       | Rat     | 3.5 g/kg                | -        |
| 1-methoxy-2-propanol            | LC50 Inhalation Vapor           | Rat     | >7000 ppm               | 6 hours  |
|                                 | LD50 Dermal                     | Rabbit  | 13 g/kg                 | -        |
|                                 | LD50 Oral                       | Rat     | 5.2 g/kg                | -        |

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Irritation/Corrosion

| Product/ingredient name | Result                   | Species | Score | Exposure        | Observation |
|-------------------------|--------------------------|---------|-------|-----------------|-------------|
| xylene                  | Skin - Moderate irritant | Rabbit  | -     | 24 hours 500 mg | -           |
| butan-1-ol              | Eyes - Cornea opacity    | Rabbit  | 4     | -               | -           |

#### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Eyes** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Sensitization

#### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Mutagenicity

**Product code** PPG7940-303/B-D2NA**Date of issue** 22 September 2025 **Version** 3**Product name** PPG7940-303/B Gold Aerosol Internal Liner Type 7940**SECTION 11: Toxicological information****Conclusion/Summary** : There are no data available on the mixture itself.**Carcinogenicity****Conclusion/Summary** : There are no data available on the mixture itself.**Classification**

| Product/ingredient name | OSHA | IARC | NTP |
|-------------------------|------|------|-----|
| xylene                  | -    | 3    | -   |
| ethylbenzene            | -    | 2B   | -   |

**Carcinogen Classification code:**

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

**Reproductive toxicity****Conclusion/Summary** : There are no data available on the mixture itself.**Teratogenicity****Conclusion/Summary** : There are no data available on the mixture itself.**Specific target organ toxicity (single exposure)**

| Name                            | Category   | Route of exposure | Target organs                |
|---------------------------------|------------|-------------------|------------------------------|
| xylene                          | Category 3 | -                 | Respiratory tract irritation |
| 2-methoxy-1-methylethyl acetate | Category 3 | -                 | Narcotic effects             |
| butan-1-ol                      | Category 3 | -                 | Respiratory tract irritation |
| -                               | Category 3 | -                 | Narcotic effects             |
| 1-methoxy-2-propanol            | Category 3 | -                 | Narcotic effects             |

**Specific target organ toxicity (repeated exposure)**

| Name         | Category   | Route of exposure | Target organs  |
|--------------|------------|-------------------|----------------|
| ethylbenzene | Category 2 | -                 | hearing organs |

**Target organs** : Contains material which causes damage to the following organs: blood, liver, heart, brain.  
 Contains material which may cause damage to the following organs: kidneys, lungs, the nervous system, upper respiratory tract, skin, central nervous system (CNS), ears, eye, lens or cornea.

**Aspiration hazard**

| Name           | Result                         |
|----------------|--------------------------------|
| xylene         | ASPIRATION HAZARD - Category 1 |
| benzyl alcohol | ASPIRATION HAZARD - Category 2 |
| ethylbenzene   | ASPIRATION HAZARD - Category 1 |

**Information on the likely routes of exposure****Potential acute health effects****Eye contact** : Causes serious eye damage.**Inhalation** : Harmful if inhaled.**Skin contact** : Causes skin irritation. Defatting to the skin.

**Product code** PPG7940-303/B-D2NA**Date of issue** 22 September 2025 **Version** 3**Product name** PPG7940-303/B Gold Aerosol Internal Liner Type 7940

## SECTION 11: Toxicological information

**Ingestion** : May be harmful if swallowed.

### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness**Inhalation** : ☒ No specific data.**Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
dryness  
cracking  
blistering may occur**Ingestion** : Adverse symptoms may include the following:  
stomach pains

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Conclusion/Summary** : There are no data available on the mixture itself. This product either contains formaldehyde or is capable of releasing formaldehyde above 0.5 ppm under certain conditions. Formaldehyde is a known cancer hazard, a skin sensitizer and a respiratory sensitizer. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

### Short term exposure

**Potential immediate effects** : There are no data available on the mixture itself.**Potential delayed effects** : There are no data available on the mixture itself.

### Long term exposure

**Potential immediate effects** : There are no data available on the mixture itself.**Potential delayed effects** : There are no data available on the mixture itself.

### Potential chronic health effects

**General** : ☒ May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.**Carcinogenicity** : ☒ Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.**Mutagenicity** : No known significant effects or critical hazards.**Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product code PPG7940-303/B-D2NA

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Product name PPG7940-303/B Gold Aerosol Internal Liner Type 7940

**SECTION 11: Toxicological information**

| Product/ingredient name                             | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|-----------------------------------------------------|--------------|----------------|--------------------------|----------------------------|-------------------------------------|
| PPG7940-303/B Gold Aerosol Internal Liner Type 7940 | 4087.5       | 6487.2         | N/A                      | 36.0                       | 4.6                                 |
| 2-(2-ethoxyethoxy)ethanol                           | 5500         | 8500           | N/A                      | N/A                        | N/A                                 |
| xylene                                              | 4300         | 1700           | N/A                      | 11                         | 1.5                                 |
| benzyl alcohol                                      | 1200         | 2500           | N/A                      | N/A                        | N/A                                 |
| 2-methoxy-1-methylethyl acetate                     | 6190         | N/A            | N/A                      | 30                         | N/A                                 |
| butan-1-ol                                          | 790          | 3400           | N/A                      | 24                         | N/A                                 |
| ethylbenzene                                        | 3500         | 17800          | N/A                      | 17.8                       | 1.5                                 |
| 1-methoxy-2-propanol                                | 5200         | 13000          | N/A                      | N/A                        | N/A                                 |

**SECTION 12: Ecological information**Toxicity

| Product/ingredient name         | Result                            | Species                             | Exposure |
|---------------------------------|-----------------------------------|-------------------------------------|----------|
| 2-methoxy-1-methylethyl acetate | Acute LC50 134 mg/l Fresh water   | Fish - <i>Oncorhynchus mykiss</i>   | 96 hours |
| butan-1-ol                      | Acute LC50 1376 mg/l              | Fish                                | 96 hours |
| ethylbenzene                    | Acute EC50 1.8 mg/l Fresh water   | Daphnia                             | 48 hours |
|                                 | Chronic NOEC 1 mg/l Fresh water   | Daphnia - <i>Ceriodaphnia dubia</i> | -        |
| 1-methoxy-2-propanol            | Acute LC50 23300 mg/l             | Daphnia                             | 48 hours |
|                                 | Acute LC50 >4500 mg/l Fresh water | Fish                                | 96 hours |

Persistence and degradability

| Product/ingredient name         | Test | Result                   | Dose | Inoculum |
|---------------------------------|------|--------------------------|------|----------|
| 2-methoxy-1-methylethyl acetate | -    | 83 % - Readily - 28 days | -    | -        |
| ethylbenzene                    | -    | 79 % - Readily - 10 days | -    | -        |

| Product/ingredient name         | Aquatic half-life | Photolysis | Biodegradability |
|---------------------------------|-------------------|------------|------------------|
| xylene                          | -                 | -          | Readily          |
| benzyl alcohol                  | -                 | -          | Readily          |
| 2-methoxy-1-methylethyl acetate | -                 | -          | Readily          |
| ethylbenzene                    | -                 | -          | Readily          |

Bioaccumulative potential

| Product/ingredient name          | LogP <sub>ow</sub> | BCF         | Potential |
|----------------------------------|--------------------|-------------|-----------|
| 2-(2-ethoxyethoxy)ethanol        | -0.54              | -           | Low       |
| xylene                           | 3.12               | 7.4 to 18.5 | Low       |
| benzyl alcohol                   | 0.87               | -           | Low       |
| 2-methoxy-1-methylethyl acetate  | 1.2                | -           | Low       |
| butan-1-ol                       | 1                  | -           | Low       |
| (2-methoxymethylethoxy) propanol | 0.004              | -           | Low       |
| ethylbenzene                     | 3.6                | 79.43       | Low       |

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**SECTION 12: Ecological information**

|                      |    |   |     |
|----------------------|----|---|-----|
| 1-methoxy-2-propanol | <1 | - | Low |
|----------------------|----|---|-----|

**Mobility in soil**

**Soil/Water partition coefficient** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

**SECTION 13: Disposal considerations**

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

**SECTION 14: Transport information**

|                             | Mexico Classification | IMDG            | IATA            |
|-----------------------------|-----------------------|-----------------|-----------------|
| UN number                   | UN1263                | UN1263          | UN1263          |
| UN proper shipping name     | PAINT                 | PAINT           | PAINT           |
| Transport hazard class(es)  | 3                     | 3               | 3               |
| Packing group               | III                   | III             | III             |
| Environmental hazards       | No.                   | No.             | No.             |
| Marine pollutant substances | Not applicable.       | Not applicable. | Not applicable. |
| RQ substances               | Not applicable.       | Not applicable. | Not applicable. |

**Additional information**

**Mexico** : None identified.

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## SECTION 14: Transport information

**IMDG** : None identified.**IATA** : None identified.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not applicable.

## SECTION 15: Regulatory information

### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

## SECTION 16: Other information

Please refer to Section 2 of this document for GHS hazard classifications.  
The customer is responsible for determining the PPE code for this material.

**Date of previous issue** : 6/26/2025**Organization that prepared the SDS** : EHS

**Key to abbreviations** :

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- N/A = Not available
- SGG = Segregation Group
- UN = United Nations

 Indicates information that has changed from previously issued version.

### Notice to reader

The information, which is based on the current knowledge of the chemical substance or mixture and applies to appropriate safety precautions for the product, is deemed correct but is not exhaustive and will be used only as a guide.

### Disclaimer

**Product code** PPG7940-303/B-D2NA**Date of issue** 22 September 2025**Version** 3**Product name** PPG7940-303/B Gold Aerosol Internal Liner Type 7940

## SECTION 16: Other information

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*

# SAFETY DATA SHEET



Conforms to Official Mexican Standard NOM-018-STPS-2015

Date of revision 20 December 2024

Date of issue 20 December 2024

Version 7.01

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product name** : PPG8460-302/A Clear 2nd component for PAM-8460 N (former VHZ 1678460)  
**Product code** : PPG8460-302/A-MFPA  
**Other means of identification** : Not applicable.  
**Product type** : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

**Product use** : Industrial applications.  
**Use of the substance/mixture** : Coating.  
**Uses advised against** : Not applicable.

**Manufacturer** : PPG Industries, Inc.  
 One PPG Place  
 Pittsburgh, PA 15272

**Emergency telephone number** : (412) 434-4515 (U.S.)  
 (514) 645-1320 (Canada)  
 SETIQ Interior de la República: 800-00-214-00 (México)  
 SETIQ Ciudad de México: (55) 5559-1588 (México)

**Technical Phone Number** : (513) 576-3145 (PACKAGING COATINGS) 8:00 a.m. - 5:00 p.m. EST

## SECTION 2: Hazards identification

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 3  
 ACUTE TOXICITY (oral) - Category 5  
 SKIN IRRITATION - Category 2  
 SERIOUS EYE DAMAGE - Category 1  
 TOXIC TO REPRODUCTION - Category 1B  
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3  
 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
 Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity:  
 13.5% (oral), 13.5% (dermal), 17.1% (inhalation)

### GHS label elements

**Hazard pictograms** :



**Product code** PPG8460-302/A-MFPA**Date of issue** 20 December 2024 **Version** 7.01**Product name** PPG8460-302/A Clear 2nd component for PAM-8460 N (former VHZ 1678460)

## SECTION 2: Hazards identification

**Signal word** : Danger

**Hazard statements** : H226 - Flammable liquid and vapor.  
H303 - May be harmful if swallowed.  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H335 - May cause respiratory irritation.  
H360 - May damage fertility or the unborn child.  
H373 - May cause damage to organs through prolonged or repeated exposure.

### Precautionary statements

**Prevention** : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear protective gloves, protective clothing and eye or face protection.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P271 - Use only outdoors or in a well-ventilated area.  
P260 - Do not breathe vapor.  
P264 - Wash thoroughly after handling.

**Response** : P308 + P313 - IF exposed or concerned: Get medical advice or attention.  
P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.  
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P332 + P313 - If skin irritation occurs: Get medical advice or attention.  
P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor.

**Storage** : P405 - Store locked up.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

**Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other hazards which do not result in classification** : Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Emits toxic fumes when heated.

See toxicological information (Section 11)

## SECTION 3: Composition/information on ingredients

**Substance/mixture** : Mixture**Product name** : PPG8460-302/A Clear 2nd component for PAM-8460 N (former VHZ 1678460)**Other means of identification** : Not applicable.

| <b>Ingredient name</b>          | <b>%</b>    | <b>CAS number</b> |
|---------------------------------|-------------|-------------------|
| 1-methyl-2-pyrrolidone          | ≥50 - ≤75   | 872-50-4          |
| 2-methoxy-1-methylethyl acetate | ≥5.0 - ≤10  | 108-65-6          |
| 2-phenoxyethanol                | ≥1.0 - ≤5.0 | 122-99-6          |
| Pyrrolidinone, dimethyl-        | <1.0        | 60544-40-3        |

**Product code** PPG8460-302/A-MFPA**Date of issue** 20 December 2024 **Version** 7.01**Product name** PPG8460-302/A Clear 2nd component for PAM-8460 N (former VHZ 1678460)

### SECTION 3: Composition/information on ingredients

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### Description of necessary first aid measures

- |                     |                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.                            |
| <b>Inhalation</b>   | : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. |
| <b>Skin contact</b> | : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.                                             |
| <b>Ingestion</b>    | : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.                                                          |

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- |                     |                                                  |
|---------------------|--------------------------------------------------|
| <b>Eye contact</b>  | : Causes serious eye damage.                     |
| <b>Inhalation</b>   | : May cause respiratory irritation.              |
| <b>Skin contact</b> | : Causes skin irritation. Defatting to the skin. |
| <b>Ingestion</b>    | : May be harmful if swallowed.                   |

#### Over-exposure signs/symptoms

See toxicological information (Section 11)

#### Indication of immediate medical attention and special treatment needed, if necessary

- |                                   |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes to physician</b>         | : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.                                                                                                                                                                                                                               |
| <b>Specific treatments</b>        | : No specific treatment.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protection of first-aiders</b> | : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

### SECTION 5: Firefighting measures

#### Extinguishing media

- |                                       |                                                                  |
|---------------------------------------|------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | : Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam. |
| <b>Unsuitable extinguishing media</b> | : Do not use water jet.                                          |

- |                                                   |                                                                                                                                                                                                                 |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specific hazards arising from the chemical</b> | : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## SECTION 5: Firefighting measures

### Hazardous thermal decomposition products

: Decomposition products may include the following materials:  
carbon oxides  
nitrogen oxides  
metal oxide/oxides

### Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

### Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

#### For emergency responders

: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

#### Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

#### Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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## SECTION 7: Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Special precautions** : Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store between the following temperatures: 5 to 35°C (41 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 8: Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name                                                                                            | Exposure limits                                                                  |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  N-methyl-2-pyrrolidone | <b>IPEL (-)</b> Absorbed through skin.<br>TWA: 10 ppm.<br>STEL: 20 ppm.          |
| 2-methoxy-1-methylethyl acetate                                                                            | <b>IPEL (-, 10/2017)</b> Absorbed through skin.<br>TWA: 30 ppm.<br>STEL: 90 ppm. |
| 2-phenoxyethanol                                                                                           | None.                                                                            |
| Pyrrolidinone, dimethyl-                                                                                   | None.                                                                            |

#### Key to abbreviations

C = Ceiling Limit

IPEL = Internal Permissible Exposure Limit

STEL = Short term exposure limit

TLV = Threshold Limit Value

TWA = Time Weighted Average

**Consult local authorities for acceptable exposure limits.**

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**Recommended monitoring procedures** : Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Chemical splash goggles and face shield.

**Skin protection****Hand protection**

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Gloves** : For prolonged or repeated handling, use the following type of gloves:

Recommended: butyl rubber

May be used: nitrile rubber, Chloroprene

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

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## SECTION 9: Physical and chemical properties

### Appearance

| Physical state                               | : Liquid.                                                                                                                                                                                                                                                          |       |        |            |             |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|------------|-------------|
| Color                                        | : Colorless.                                                                                                                                                                                                                                                       |       |        |            |             |
| Odor                                         | : Characteristic.                                                                                                                                                                                                                                                  |       |        |            |             |
| Odor threshold                               | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Molecular weight                             | : Not applicable.                                                                                                                                                                                                                                                  |       |        |            |             |
| pH                                           | : Not applicable.                                                                                                                                                                                                                                                  |       |        |            |             |
| Melting point                                | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Boiling point                                | : >37.78°C (>100°F)                                                                                                                                                                                                                                                |       |        |            |             |
| Flash point                                  | : Closed cup: 38°C (100.4°F)                                                                                                                                                                                                                                       |       |        |            |             |
| Auto-ignition temperature                    | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Decomposition temperature                    | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Flammability                                 | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Lower and upper explosive (flammable) limits | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Evaporation rate                             | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Vapor pressure                               | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Vapor density                                | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Relative density                             | : 1.03                                                                                                                                                                                                                                                             |       |        |            |             |
| Density ( lbs / gal )                        | : 8.6                                                                                                                                                                                                                                                              |       |        |            |             |
| Bulk Density (g/cm <sup>3</sup> )            | : 1.04                                                                                                                                                                                                                                                             |       |        |            |             |
| Solubility(ies)                              | <table border="1"> <thead> <tr> <th>Media</th><th>Result</th></tr> </thead> <tbody> <tr> <td>cold water</td><td>Not soluble</td></tr> </tbody> </table>                                                                                                            | Media | Result | cold water | Not soluble |
| Media                                        | Result                                                                                                                                                                                                                                                             |       |        |            |             |
| cold water                                   | Not soluble                                                                                                                                                                                                                                                        |       |        |            |             |
| Solubility in water                          | : Not available.                                                                                                                                                                                                                                                   |       |        |            |             |
| Partition coefficient: n-octanol/water       | : Not applicable.                                                                                                                                                                                                                                                  |       |        |            |             |
| Viscosity                                    | : <div> <input checked="" type="checkbox"/> Dynamic (room temperature): Not available.<br/> <input type="checkbox"/> Kinematic (room temperature): Not available.<br/>             Kinematic (40°C (104°F)): &gt;21 mm<sup>2</sup>/s (&gt;21 cSt)           </div> |       |        |            |             |
| % Solid. (w/w)                               | : 13.5                                                                                                                                                                                                                                                             |       |        |            |             |

## SECTION 10: Stability and reactivity

|                                    |                                                                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                         | : No specific test data related to reactivity available for this product or its ingredients.                                                  |
| Chemical stability                 | : The product is stable.                                                                                                                      |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.                                                             |
| Conditions to avoid                | : When exposed to high temperatures may produce hazardous decomposition products.<br>Refer to protective measures listed in sections 7 and 8. |
| Incompatible materials             | : Keep away from the following materials to prevent strong exothermic reactions:<br>oxidizing agents, strong alkalis, strong acids.           |

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## SECTION 10: Stability and reactivity

**Hazardous decomposition products** : Depending on conditions, decomposition products may include the following materials:  
carbon oxides nitrogen oxides metal oxide/oxides

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name         | Result                          | Species | Dose                    | Exposure |
|---------------------------------|---------------------------------|---------|-------------------------|----------|
| N-methyl-2-pyrrolidone          | LC50 Inhalation Dusts and mists | Rat     | >5100 mg/m <sup>3</sup> | 4 hours  |
|                                 | LD50 Dermal                     | Rabbit  | 8 g/kg                  | -        |
|                                 | LD50 Oral                       | Rat     | 3.914 g/kg              | -        |
| 2-methoxy-1-methylethyl acetate | LC50 Inhalation Vapor           | Rat     | 30 mg/l                 | 4 hours  |
|                                 | LD50 Dermal                     | Rabbit  | >5 g/kg                 | -        |
|                                 | LD50 Oral                       | Rat     | 6190 mg/kg              | -        |
| 2-phenoxyethanol                | LD50 Dermal                     | Rat     | 14422 mg/kg             | -        |
|                                 | LD50 Oral                       | Rat     | 1394 mg/kg              | -        |

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Irritation/Corrosion

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Eyes** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Sensitization

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Mutagenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Carcinogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Reproductive toxicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Teratogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Specific target organ toxicity (single exposure)

| Name                            | Category   | Route of exposure | Target organs                |
|---------------------------------|------------|-------------------|------------------------------|
| N-methyl-2-pyrrolidone          | Category 3 | -                 | Respiratory tract irritation |
| 2-methoxy-1-methylethyl acetate | Category 3 | -                 | Narcotic effects             |
| 2-phenoxyethanol                | Category 3 | -                 | Respiratory tract irritation |
| Pyrrolidinone, dimethyl-        | Category 3 | -                 | Respiratory tract irritation |

#### Specific target organ toxicity (repeated exposure)

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| Name                   | Category   | Route of exposure | Target organs |
|------------------------|------------|-------------------|---------------|
| N-methyl-2-pyrrolidone | Category 2 | -                 | -             |

**Target organs** : Contains material which causes damage to the following organs: brain, skin, eyes. Contains material which may cause damage to the following organs: kidneys, lungs, the nervous system, the reproductive system, liver, heart, upper respiratory tract, bone marrow, central nervous system (CNS).

**Aspiration hazard**

Not available.

**Information on the likely routes of exposure****Potential acute health effects**

**Eye contact** : Causes serious eye damage.  
**Inhalation** : May cause respiratory irritation.  
**Skin contact** : Causes skin irritation. Defatting to the skin.  
**Ingestion** : May be harmful if swallowed.

**Over-exposure signs/symptoms**

**Eye contact** : Adverse symptoms may include the following:  
 pain  
 watering  
 redness

**Inhalation** : Adverse symptoms may include the following:  
 respiratory tract irritation  
 coughing  
 reduced fetal weight  
 increase in fetal deaths  
 skeletal malformations

**Skin contact** : Adverse symptoms may include the following:  
 pain or irritation  
 redness  
 dryness  
 cracking  
 blistering may occur  
 reduced fetal weight  
 increase in fetal deaths  
 skeletal malformations

**Ingestion** : Adverse symptoms may include the following:  
 stomach pains  
 reduced fetal weight  
 increase in fetal deaths  
 skeletal malformations

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Conclusion/Summary** : There are no data available on the mixture itself. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If

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splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

**Short term exposure**

**Potential immediate effects** : There are no data available on the mixture itself.

**Potential delayed effects** : There are no data available on the mixture itself.

**Long term exposure**

**Potential immediate effects** : There are no data available on the mixture itself.

**Potential delayed effects** : There are no data available on the mixture itself.

**Potential chronic health effects**

**General** : May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : May damage fertility or the unborn child.

**Numerical measures of toxicity****Acute toxicity estimates**

| Product/ingredient name                                               | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|-----------------------------------------------------------------------|--------------|----------------|--------------------------|----------------------------|-------------------------------------|
| PPG8460-302/A Clear 2nd component for PAM-8460 N (former VHZ 1678460) | 4035.7       | N/A            | N/A                      | N/A                        | N/A                                 |
| N-methyl-2-pyrrolidone                                                | 3914         | 8000           | N/A                      | N/A                        | N/A                                 |
| 2-methoxy-1-methylethyl acetate                                       | 6190         | N/A            | N/A                      | 30                         | N/A                                 |
| 2-phenoxyethanol                                                      | 1394         | 14422          | N/A                      | N/A                        | N/A                                 |

**SECTION 12: Ecological information****Toxicity**

| Product/ingredient name         | Result                          | Species                           | Exposure |
|---------------------------------|---------------------------------|-----------------------------------|----------|
| 2-methoxy-1-methylethyl acetate | Acute LC50 134 mg/l Fresh water | Fish - <i>Oncorhynchus mykiss</i> | 96 hours |

**Persistence and degradability**

| Product/ingredient name         | Test              | Result                   | Dose       | Inoculum         |
|---------------------------------|-------------------|--------------------------|------------|------------------|
| 2-methoxy-1-methylethyl acetate | -                 | 83 % - Readily - 28 days | -          | -                |
| Product/ingredient name         | Aquatic half-life |                          | Photolysis | Biodegradability |
| N-methyl-2-pyrrolidone          | -                 |                          | -          | Readily          |
| 2-methoxy-1-methylethyl acetate | -                 |                          | -          | Readily          |

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## SECTION 12: Ecological information

### Bioaccumulative potential

| Product/ingredient name         | LogP <sub>ow</sub> | BCF  | Potential |
|---------------------------------|--------------------|------|-----------|
| N-methyl-2-pyrrolidone          | -0.46              | 3.16 | Low       |
| 2-methoxy-1-methylethyl acetate | 1.2                | -    | Low       |
| 2-phenoxyethanol                | 1.107              | -    | Low       |

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

## SECTION 14: Transport information

|                            | Mexico Classification  | IMDG                   | IATA                   |
|----------------------------|------------------------|------------------------|------------------------|
| UN number                  | UN1263                 | UN1263                 | UN1263                 |
| UN proper shipping name    | PAINT RELATED MATERIAL | PAINT RELATED MATERIAL | PAINT RELATED MATERIAL |
| Transport hazard class(es) | 3                      | 3                      | 3                      |
| Packing group              | III                    | III                    | III                    |
| Environmental hazards      | No.                    | No.                    | No.                    |

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## SECTION 14: Transport information

|                                    |                 |                 |                 |
|------------------------------------|-----------------|-----------------|-----------------|
| <b>Marine pollutant substances</b> | Not applicable. | Not applicable. | Not applicable. |
|------------------------------------|-----------------|-----------------|-----------------|

### Additional information

**Mexico** : None identified.

**IMDG** : None identified.

**IATA** : None identified.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not applicable.

## SECTION 15: Regulatory information

### International regulations

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

## SECTION 16: Other information

Please refer to Section 2 of this document for GHS hazard classifications.  
The customer is responsible for determining the PPE code for this material.

**Date of previous issue** : 9/9/2024

**Organization that prepared the SDS** : EHS

**Key to abbreviations** :

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- N/A = Not available
- SGG = Segregation Group
- UN = United Nations

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## SECTION 16: Other information

Indicates information that has changed from previously issued version.

### Notice to reader

The information, which is based on the current knowledge of the chemical substance or mixture and applies to appropriate safety precautions for the product, is deemed correct but is not exhaustive and will be used only as a guide.

### Disclaimer

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*

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|  |                                          |
|--|------------------------------------------|
|  | Place of receipt<br>HAMBURG, GERMANY CFS |
|--|------------------------------------------|

|                                |                                     |
|--------------------------------|-------------------------------------|
| Ocean vessel<br>GSL MARIA 614W | Port of loading<br>HAMBURG, GERMANY |
|--------------------------------|-------------------------------------|

|                                       |                                           |                            |                                              |
|---------------------------------------|-------------------------------------------|----------------------------|----------------------------------------------|
| Port of discharge<br>VERACRUZ, MEXICO | Place of delivery<br>VERACRUZ, MEXICO CFS | Freight payable<br>HAMBURG | Number of original Bills of Lading<br>0/ZERO |
|---------------------------------------|-------------------------------------------|----------------------------|----------------------------------------------|

|                                         |                   |                      |                 |                   |                             |
|-----------------------------------------|-------------------|----------------------|-----------------|-------------------|-----------------------------|
| Marks and Nos.                          | Quantity of Goods | Description of Goods | Said to contain | Gross weight, kg. | Measurement, m <sup>3</sup> |
| CARGO DETAILS AS PER ATTACHED STATEMENT |                   |                      |                 |                   |                             |

B/L No.  
VER283517



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/1637

# Copy

## FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
- assumes liability as prescribed in this document for such transport.

**One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.**

IN WITNESS whereof three (3) original Bills of Lading have been signed, if not otherwise stated above, one of which being accomplished the other(s) to be void.

Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

### Note:

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

| Marks and Nos.                                                                                                                                                                                                                                                                                                        | Quantity of Goods | Description of Goods                                                                  | Said to contain | Gross weight, kg.                                              | Measurement, m <sup>3</sup> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------|-----------------------------|
| VER283517<br>2812653110<br>STOWED INTO CONTAINER NO.: MRKU6424627                                                                                                                                                                                                                                                     | 7 PACKAGES        | TURN-UP BLADDER<br>**HSCODE: 401699**                                                 |                 | 1763,000<br><br>SEAL : B136750                                 | 10,474                      |
| VER283606 PO.NO.:<br>327011 CONSIGNEE:<br>PPG INDUSTRIES DE<br>MEXICO S.A. DE C.V.<br>C/O A.A. G.A.<br>RODRIGUEZ S.C.<br>PATENTE<br>1077TEQUISQUIAPAN<br>NO. 66 ZONA<br>INDUSTRIAL SAN JUAN<br>DEL RIO, QRO. C.P.<br>76800 MEXICO<br>SEAPORT OF<br>DESTINATION:<br>VERACRUZ<br>STOWED INTO CONTAINER NO.: MRKU6424627 | 4 PALLETS         | PAINT<br>**HSCODE: 32089091**<br><br>UN 1263/Class 3/PG III<br>UN 1263/Class 3/PG III |                 | 2604,000<br><br><br><br><br><br><br><br><br><br>SEAL : B136750 | 4,847                       |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                          |                   | <b>11 PACKAGES</b>                                                                    |                 | <b>4367,000 KGS</b>                                            | <b>15,321 CBM</b>           |

Shipper  
LINKINPARTNER EUROPE GMBH  
HAMMERBROOKSTR. 90,  
20097 HAMBURG  
GERMANY

B/L No.  
VER283522



SACO SHIPPING LINE LTD

Consigned to order of  
EUROPARTNERS MEXICO S.A. DE C.V.  
AVENIDA REVOLUCION #649  
COLONIA JARDIN ESPANOL  
MONTERREY, NUEVO LEON  
MEXICO 64820

Notify Party and address  
EUROPARTNERS MEXICO S.A. DE C.V.  
TAX ID: EME020824U4A  
PH: +52(81)8220 2630  
FX: +52(81)8342 8310

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163709

# Copy

|                                                                                                                                 |                                   |                                                                                      |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                                                                                                                                 |                                   | Place of receipt<br>HAMBURG CFS                                                      |                                                                                         |
| Ocean vessel<br>GSL MARIA 614W                                                                                                  |                                   | Port of loading<br>HAMBURG                                                           |                                                                                         |
| Port of discharge<br>VERACRUZ                                                                                                   | Place of delivery<br>VERACRUZ CFS |                                                                                      | Freight payable<br>VERACRUZ                                                             |
|                                                                                                                                 |                                   | Number of original Bills of Lading<br>0/ZERO                                         |                                                                                         |
| Marks and Nos.<br>GRUPO ABC DE MEXI<br>CO SA DE CV<br>AV. NORTE CUATRO<br>DN:82146640<br>STOWED INTO CONTAINER NO.: MRKU6424627 | Quantity of Goods<br>3 PALLETS    | Description of Goods<br>HC.AIR 55 FKM HP KRT<br>HS-CODE: 730729<br>INVOICE: 40044696 | Said to contain<br>Gross weight, kg.<br>657,960<br>Measurement, m <sup>3</sup><br>4,587 |

SEAL : B136750

**TOTAL** **3 PALLETS** **657,960 KGS** **4,587 CBM**

## FREIGHT COLLECT - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
- assumes liability as prescribed in this document for such transport.

**One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.**

IN WITNESS whereof three (3) original Bills of Lading have been signed, if not otherwise stated above, one of which being accomplished the other(s) to be void.

Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Wolkämmereistraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

### Note:

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

# MULTIMODAL DANGEROUS GOODS FORM

VER283529\_1\_1/1

This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, Chapter VII, regulation 5; MARPOL 73/78, Annex III, regulation 4.

|                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                            |                                                             |                |                                                                                                                                                                                        |       |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| 1 Shipper/Consignor/Sender<br>Eclatin AG<br>Bürenstrasse 131<br>4574 Lüsslingen<br>Switzerland                                                                                                                                                                                                                         |                                                                                                                                                                                        | 2 Transport document number                                                                                                                                                                                                                                                                                                                                |                                                             |                |                                                                                                                                                                                        |       |       |
| 6 Consignee<br>Alltub Mexico S.A. de C.V.<br>Via Morelos 414, Santa Clara<br>Ecatepec Edo de Mexico<br>MX-55540 Edo de Mexico<br><del>Mexico</del>                                                                                                                                                                     |                                                                                                                                                                                        | 3 Page 1 of 1 pages                                                                                                                                                                                                                                                                                                                                        | 4 Shipper's reference<br>222748                             |                |                                                                                                                                                                                        |       |       |
|                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                        | 5 Freight forwarder's reference                                                                                                                                                                                                                                                                                                                            |                                                             |                |                                                                                                                                                                                        |       |       |
| 7 Carrier (to be completed by the carrier)                                                                                                                                                                                                                                                                             |                                                                                                                                                                                        | SHIPPER'S DECLARATION<br>I hereby declare that the contents of this consignment are fully and accurately described below by the proper shipping name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national government regulations. |                                                             |                |                                                                                                                                                                                        |       |       |
| 8 This shipment is within the limitations prescribed for:<br>(delete non-applicable)<br>PASSENGER AND CARGO AIRCRAFT                                                                                                                                                                                                   |                                                                                                                                                                                        | 9 Additional handling information<br>ECLATIN AG MR. A. KREIL<br>0041 32 622 41 41<br>ALLTUB MEXICO S.A. Monserrat Abrego<br><del>+52 5556 99 2551</del>                                                                                                                                                                                                    |                                                             |                |                                                                                                                                                                                        |       |       |
| 10 Vessel/Flight number and date                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                        | 11 Port/Place of loading                                                                                                                                                                                                                                                                                                                                   |                                                             |                |                                                                                                                                                                                        |       |       |
| 12 Port/Place of discharge                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                        | 13 Destination                                                                                                                                                                                                                                                                                                                                             |                                                             |                |                                                                                                                                                                                        |       |       |
| 14 Shipping marks<br>*Number and kind of packages; description of goods<br>Gross mass (kg) Net mass (kg) Cube (m³)                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                            |                                                             |                |                                                                                                                                                                                        |       |       |
| <table border="1"> <tr> <td>Eclatin 222748</td> <td>2 STEEL DRUMS PAINT<br/>IMDG -CODE CLASS 3<br/>UN-NO 1263<br/>PACKAGING GROUP III<br/>EMS-No. F-E, S-E<br/>FLASHPOINT +23° DEGR. CEL<br/>Transport in according 1.1.4.2.1<br/>UN 1A2/Y1.5/120</td> <td>410.0</td> <td>380.0</td> </tr> </table>                    |                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                            |                                                             | Eclatin 222748 | 2 STEEL DRUMS PAINT<br>IMDG -CODE CLASS 3<br>UN-NO 1263<br>PACKAGING GROUP III<br>EMS-No. F-E, S-E<br>FLASHPOINT +23° DEGR. CEL<br>Transport in according 1.1.4.2.1<br>UN 1A2/Y1.5/120 | 410.0 | 380.0 |
| Eclatin 222748                                                                                                                                                                                                                                                                                                         | 2 STEEL DRUMS PAINT<br>IMDG -CODE CLASS 3<br>UN-NO 1263<br>PACKAGING GROUP III<br>EMS-No. F-E, S-E<br>FLASHPOINT +23° DEGR. CEL<br>Transport in according 1.1.4.2.1<br>UN 1A2/Y1.5/120 | 410.0                                                                                                                                                                                                                                                                                                                                                      | 380.0                                                       |                |                                                                                                                                                                                        |       |       |
| 15 Container identification number/<br>Vehicle registration number                                                                                                                                                                                                                                                     | 16 Seal number(s)                                                                                                                                                                      | 17 Container/Vehicle size and type                                                                                                                                                                                                                                                                                                                         | 18 Tare mass (kg) 19 Total gross mass (including tare) (kg) |                |                                                                                                                                                                                        |       |       |
| CONTAINER/VEHICLE PACKING CERTIFICATE<br>I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions.**<br>MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING |                                                                                                                                                                                        | 21 RECEIVING ORGANIZATION RECEIPT<br>Received the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon: RECEIVING ORGANIZATION REMARKS:                                                                                                                                                                 |                                                             |                |                                                                                                                                                                                        |       |       |
| 20 Name of company                                                                                                                                                                                                                                                                                                     | Haulier's name                                                                                                                                                                         | 22 Name of company (OF SHIPPER PREPARING THIS NOTE)<br>ECLATIN, LÜSSLINGEN                                                                                                                                                                                                                                                                                 |                                                             |                |                                                                                                                                                                                        |       |       |
| Name/Status of declarant                                                                                                                                                                                                                                                                                               | Vehicle reg. number                                                                                                                                                                    | Name/Status of declarant<br>ALESSANDRA BRANGER                                                                                                                                                                                                                                                                                                             |                                                             |                |                                                                                                                                                                                        |       |       |
| Place and date                                                                                                                                                                                                                                                                                                         | Signature and date                                                                                                                                                                     | Place and date<br>LÜSSLINGEN, 18.03.2026                                                                                                                                                                                                                                                                                                                   |                                                             |                |                                                                                                                                                                                        |       |       |
| Signature of declarant                                                                                                                                                                                                                                                                                                 | DRIVER'S SIGNATURE                                                                                                                                                                     | Signature of declarant<br><i>[Signature]</i>                                                                                                                                                                                                                                                                                                               |                                                             |                |                                                                                                                                                                                        |       |       |

\* DANGEROUS GOODS: You must specify: proper shipping name, hazard class, UN No., Packaging group, (where assigned) Marine pollutant and observe the mandatory requirements under applicable national and international government regulations. For the purposes of the IMDG Code see 5.4.1.1. \*\* For the purposes of the IMDG Code see 5.4.2



**Safety Data Sheet**  
**according to Regulation (EC) No. 1907/2006 (REACH)**  
**according to Regulation (EU) 2020/878**



2756.0135  
 Version 1.0

Internal lacquer V-5266  
 Revision date 29 Jan 2026

Print date 14 Feb 2026

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

#### Trade name/designation

2756.0135 Internal lacquer V-5266  
 35" DIN 4

UFI: KQH1-YOT8-000T-XMPD

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### Relevant identified uses

Coating material to protect surfaces

### 1.3 Details of the supplier of the safety data sheet

#### Supplier

Eclatin AG  
 Farben und Lacke  
 Bürenstrasse 131  
 4574 Lüsslingen  
 Switzerland

#### Department responsible for information

E-mail (competent person)

### 1.4 Emergency telephone number

Only available during office hours.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

|                                           |                                           |
|-------------------------------------------|-------------------------------------------|
| Flam. Liq. 3                              | H226 Flammable liquid and vapour.         |
| Acute Tox. 4 oral                         | H302 Harmful if swallowed.                |
| Skin Irrit. 2                             | H315 Causes skin irritation.              |
| Skin Sens. 1                              | H317 May cause an allergic skin reaction. |
| Eye Dam. 1                                | H318 Causes serious eye damage.           |
| Acute Tox. 4 inhalative                   | H332 Harmful if inhaled.                  |
| STOT SE 3 Irritation to respiratory tract | H335 May cause respiratory irritation.    |

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

#### Hazard pictograms



GHS02 GHS05 GHS07

#### Signal word

Danger

#### Hazard statements

|             |                                      |
|-------------|--------------------------------------|
| H226        | Flammable liquid and vapour.         |
| H302 + H332 | Harmful if swallowed or if inhaled.  |
| H315        | Causes skin irritation.              |
| H317        | May cause an allergic skin reaction. |
| H318        | Causes serious eye damage.           |
| H335        | May cause respiratory irritation.    |

#### Precautionary statements

|      |                                                                                                |
|------|------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P280 | Wear protective gloves and eye protection/face protection.                                     |

**Safety Data Sheet**  
**according to Regulation (EC) No. 1907/2006 (REACH)**  
**according to Regulation (EU) 2020/878**



2756.0135  
 Version 1.0

Internal lacquer V-5266  
 Revision date 29 Jan 2026

Print date 14 Feb 2026

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER.  
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
 P403 + P235 Store in a well-ventilated place. Keep cool.

**Hazard components for labelling**

benzyl alcohol  
 butan-1-ol  
 formaldehyde  
 reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight  $700 < x < 1100$   
 Xylene

**Supplemental hazard information**

not applicable

**2.3 Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.  
 This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Description**

**Hazardous ingredients**

| Substance name<br>Identification number                                                                                                   | Classification according to Regulation (EC) No 1272/2008 [CLP]<br>SCL, M-factor, ATE                                                                                                                                                                                                            | weight-%    |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Xylene</b><br>CAS No.: 95-47-6<br>EC No.: 202-422-2<br>Index No.: 601-022-00-9<br>REACH No.: 01-2119485822-30                          | Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / Acute Tox. 4 H312 / Skin Irrit. 2 H315 / Eye Irrit. 2 H319 / Acute Tox. 4 H332 / STOT SE 3 H335<br><br>ATE (oral): = 4,300 mg/kg<br>ATE (oral): = 5,523 mg/kg<br>ATE (dermal): = 2,000 mg/kg<br>ATE (inhalative): = 6,700 ppm (4 h) ATE= 2.2 mg/L (73 h) | 20,0 < 25,0 |
| <b>benzyl alcohol</b><br>CAS No.: 100-51-6<br>EC No.: 202-859-9<br>Index No.: 603-057-00-5<br>REACH No.: 01-2119492630-38                 | Acute Tox. 4 H302 / Skin Sens. 1B H317 / Eye Irrit. 2 H319 / Acute Tox. 4 H332<br><br>ATE (oral): = 1,200 mg/kg bw<br>ATE (dermal): = 1.23 mg/kg<br>ATE (dermal): = 2 mg/kg<br>ATE (oral): = 1.23 mg/kg<br>ATE (oral): = 200<br>ATE (oral): = 400 mg/kg<br>ATE (inhalative): = 1,072 mg/m³      | 15,0 < 20,0 |
| <b>Xylene</b><br>CAS No.: 1330-20-7<br>EC No.: 215-535-7<br>Index No.: 601-022-00-9<br>REACH No.: 01-2119488216-32                        | Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / Acute Tox. 4 H312 / Skin Irrit. 2 H315 / Eye Irrit. 2 H319 / Acute Tox. 4 H332 / STOT SE 3 H335 / STOT RE 2 H373<br><br>ATE (oral): = 3,500 mg/kg<br>ATE (dermal): > 1,700 mg/kg<br>ATE (inhalative): = 6,700 ppm (4 h)                                  | 8,00 < 10,0 |
| <b>4-hydroxy-4-methylpentan-2-one</b><br>CAS No.: 123-42-2<br>EC No.: 204-626-7<br>Index No.: 603-016-00-1<br>REACH No.: 01-2119473975-21 | Eye Irrit. 2 H319<br>Specific concentration limit (SCL): Eye Irrit. 2 H319: >= 10.00<br>ATE (oral): = 3,002 mg/kg<br>ATE (dermal): = 13,630 mg/kg<br>ATE (inhalative): = 7.6 mg/L (4 h)                                                                                                         | 7,00 < 8,00 |
| <b>1-methoxy-2-propanol</b><br>CAS No.: 107-98-2<br>EC No.: 203-539-1<br>Index No.: 603-064-00-3<br>REACH No.: 01-2119457435-35           | Flam. Liq. 3 H226 / STOT SE 3 H336<br><br>ATE (dermal): > 2 mg/kg<br>ATE (oral): = 4.016 mg/kg<br>ATE (inhalative): = 36.67 mg/L (4 h)                                                                                                                                                          | 5,00 < 7,00 |
| <b>butan-1-ol</b><br>CAS No.: 71-36-3<br>EC No.: 200-751-6                                                                                | Flam. Liq. 3 H226 / Acute Tox. 4 H302 / Skin Irrit. 2 H315 / Eye Dam. 1 H318 / STOT SE 3 H335 / STOT SE 3 H336                                                                                                                                                                                  | 3,00 < 5,00 |

**Safety Data Sheet**  
**according to Regulation (EC) No. 1907/2006 (REACH)**  
**according to Regulation (EU) 2020/878**



2756.0135  
 Version 1.0

Internal lacquer V-5266  
 Revision date 29 Jan 2026

Print date 14 Feb 2026

|                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                         |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Index No.: 603-004-00-6<br>REACH No.: 01-2119484630-38                                                                                                        | ATE (oral): = 2,292 mg/kg<br>ATE (dermal): = 3,430 mg/kg                                                                                                                                                                                                                                                                |               |
| <b>ethylbenzene</b><br>CAS No.: 100-41-4<br>EC No.: 202-849-4<br>Index No.: 601-023-00-4<br>REACH No.: 01-2119489370-35                                       | Flam. Liq. 2 H225 / Asp. Tox. 1 H304 / Acute Tox. 4 H332 / STOT RE 2 H373<br><br>ATE (oral): = 3.5 mg/kg<br>ATE (dermal): = 15.4 mg/kg                                                                                                                                                                                  | 2,00 < 2,50   |
| <b>reaction product: bisphenol-A-(epichlorohydrin) with average molecular weight 700 &lt; x &lt; 1100</b><br>CAS No.: 25036-25-3                              | Skin Irrit. 2 H315 / Skin Sens. 1 H317 / Eye Irrit. 2 H319<br><br>ATE (oral): = 11,400 mg/kg<br>ATE (dermal): = 23,000 mg/kg                                                                                                                                                                                            | 1,00 < 2,00   |
| <b>1,3,5-tris[3-(trimethoxysilyl)propyl]-1,3,5-triazine-2,4,6(1H,3H,5H)-trione</b><br>CAS No.: 26115-70-8<br>EC No.: 247-465-8<br>REACH No.: 01-2120807606-55 | Acute Tox. 3 H301 / Skin Irrit. 2 H315 / Eye Irrit. 2 H319 / Acute Tox. 3 H331                                                                                                                                                                                                                                          | 0,300 < 0,500 |
| <b>mix-cresol</b><br>CAS No.: 95-48-7<br>EC No.: 202-423-8<br>Index No.: 604-004-00-9<br>REACH No.: 01-2119449552-37                                          | Acute Tox. 3 H301 / Acute Tox. 3 H311 / Skin Corr. 1B H314                                                                                                                                                                                                                                                              | 0,300 < 0,500 |
| <b>Phenol</b><br>CAS No.: 108-95-2<br>EC No.: 203-632-7<br>Index No.: 604-001-00-2<br>REACH No.: 01-2119471329-32                                             | Acute Tox. 3 H301 / Acute Tox. 3 H311 / Skin Corr. 1B H314 / Acute Tox. 3 H331 / Muta. 2 H341 / STOT RE 2 H373<br>Specific concentration limit (SCL): Eye Irrit. 2 H319: >= 1.00 / Skin Irrit. 2 H315: >= 1.00 / Skin Corr. 1B H314: >= 3.00                                                                            | 0,150 < 0,200 |
| <b>formaldehyde</b><br>CAS No.: 50-00-0<br>EC No.: 200-001-8<br>Index No.: 605-001-00-5<br>REACH No.: 01-2119488953-20                                        | Acute Tox. 3 H301 / Acute Tox. 3 H311 / Skin Corr. 1B H314 / Skin Sens. 1 H317 / Acute Tox. 3 H331 / Muta. 2 H341 / Carc. 1B H350<br>Specific concentration limit (SCL): Eye Irrit. 2 H319: >= 5.00 / Skin Irrit. 2 H315: >= 5.00 / Skin Sens. 1 H317: >= 0.20 / Skin Corr. 1B H314: >= 25.00 / STOT SE 3 H335: >= 5.00 | 0,025 < 0,050 |

**Remark**

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

**Regulation (EC) No. 648/2004 [Detergents regulation]**

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information**

In all cases of doubt, or when symptoms persist, seek medical advice. If unconscious but breathing normally, place in recovery position and seek medical advice.

**Following inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

**Following skin contact**

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners. Wash contaminated clothing before reuse.

**After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

**Following ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

**Self-protection of the first aider**

First aider: Pay attention to self-protection!

### 4.2 Most important symptoms and effects, both acute and delayed

**Symptoms**

In all cases of doubt, or when symptoms persist, seek medical advice.

### 4.3 Indication of any immediate medical attention and special treatment needed

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First Aid, decontamination, treatment of symptoms.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Powder, spray mist, (water)

#### Unsuitable extinguishing media

Strong water jet

### 5.2 Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

#### Hazardous combustion products

Hazardous combustion products: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, smoke, Nitrogen oxides (NO<sub>x</sub>).

### 5.3 Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Ventilate affected area. Do not breathe vapours.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

### 6.3 Methods and material for containment and cleaning up

#### For containment

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

#### For cleaning up

Clean using cleansing agents. Do not use solvents.

### 6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: refer to section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities.

Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Use only spark proof tools.

Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. Personal protection equipment: see section 8.

Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

#### Additional information

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

#### Advices on general occupational hygiene

When using do not eat, drink or smoke.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Access only for authorised persons. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRGS 727)".

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**Hints on joint storage**

Keep away from strongly acidic and alkaline materials as well as oxidizers.

**Storage class** LGK3 - Flammable liquids

**Further information on storage conditions**

Take care of instructions on label. Protect from heat and direct sunlight. Smoking is forbidden. Remove all sources of ignition. Keep container tightly closed. Store carefully closed containers upright to prevent any leaks.

**7.3 Specific end use(s)**

Observe technical data sheet.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational exposure limit values**

| CAS No.   | Substance name                 | Source | Long-term /short-term (Spitzenbegrenzung)                               |
|-----------|--------------------------------|--------|-------------------------------------------------------------------------|
| 107-98-2  | 1-methoxy-2-propanol           | WEL    | 375 / 560 ( - ) mg/m <sup>3</sup><br>(may be absorbed through the skin) |
| 123-42-2  | 4-hydroxy-4-methylpentan-2-one | WEL    | 241 / 362 ( - ) mg/m <sup>3</sup>                                       |
| 108-95-2  | Phenol                         | WEL    | 7.8 / 16 ( - ) mg/m <sup>3</sup><br>(may be absorbed through the skin)  |
| 95-47-6   | Xylene                         | WEL    | 220 / 441 ( - ) mg/m <sup>3</sup><br>(may be absorbed through the skin) |
| 1330-20-7 | Xylene                         | WEL    | 220 / 441 ( - ) mg/m <sup>3</sup><br>(may be absorbed through the skin) |
| 71-36-3   | butan-1-ol                     | WEL    | - / 154 ( - ) mg/m <sup>3</sup><br>(may be absorbed through the skin)   |
| 100-41-4  | ethylbenzene                   | WEL    | 441 / 552 ( - ) mg/m <sup>3</sup><br>(may be absorbed through the skin) |
| 50-00-0   | formaldehyde                   | WEL    | 2.5 / 2.5 ( - ) mg/m <sup>3</sup>                                       |

**Additional information**

Long-term: Long-term occupational exposure limit value  
 short-term: short-term occupational exposure limit value

**Biological limit values**

| CAS No.   | Substance name | Source | Value/<br>Test material                                            |
|-----------|----------------|--------|--------------------------------------------------------------------|
| 95-47-6   | Xylene         | BMGV   | 650 mmol/mol creatinine / urine<br>end of exposure or end of shift |
| 1330-20-7 | Xylene         | BMGV   | 650 mmol/mol creatinine / urine<br>end of exposure or end of shift |

**DNEL worker**

| CAS No.  | Substance name                 | DNEL type                            | DNEL value              |
|----------|--------------------------------|--------------------------------------|-------------------------|
| 107-98-2 | 1-methoxy-2-propanol           | DNEL long-term inhalative (systemic) | 369 mg/m <sup>3</sup>   |
| 107-98-2 | 1-methoxy-2-propanol           | DNEL acute inhalative (local)        | 553.5 mg/m <sup>3</sup> |
| 107-98-2 | 1-methoxy-2-propanol           | DNEL long-term dermal (systemic)     | 183 mg/kg bw/day        |
| 123-42-2 | 4-hydroxy-4-methylpentan-2-one | DNEL long-term inhalative (local)    | 66.4 mg/m <sup>3</sup>  |
| 123-42-2 | 4-hydroxy-4-methylpentan-2-one | DNEL long-term inhalative (systemic) | 66.4 mg/m <sup>3</sup>  |
| 123-42-2 | 4-hydroxy-4-methylpentan-2-one | DNEL acute inhalative (local)        | 240 mg/m <sup>3</sup>   |
| 123-42-2 | 4-hydroxy-4-methylpentan-2-one | DNEL long-term dermal (systemic)     | 9.4 mg/kg bw/day        |
| 95-47-6  | Xylene                         | DNEL long-term inhalative (local)    | 221 mg/m <sup>3</sup>   |

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|            |                                                                                             |                                          |                   |
|------------|---------------------------------------------------------------------------------------------|------------------------------------------|-------------------|
| 95-47-6    | Xylene                                                                                      | DNEL long-term inhalative (systemic)     | 221 mg/m³         |
| 95-47-6    | Xylene                                                                                      | DNEL acute inhalative (local)            | 442 mg/m³         |
| 95-47-6    | Xylene                                                                                      | DNEL long-term dermal (systemic)         | 212 mg/kg bw/day  |
| 1330-20-7  | Xylene                                                                                      | DNEL long-term inhalative (local)        | 221 mg/m³         |
| 1330-20-7  | Xylene                                                                                      | DNEL long-term inhalative (systemic)     | 221 mg/m³         |
| 1330-20-7  | Xylene                                                                                      | DNEL acute inhalative (local)            | 442 mg/m³         |
| 1330-20-7  | Xylene                                                                                      | DNEL long-term dermal (systemic)         | 212 mg/kg bw/day  |
| 100-51-6   | benzyl alcohol                                                                              | DNEL long-term dermal (systemic)         | 8 mg/kg           |
| 100-51-6   | benzyl alcohol                                                                              | DNEL acute dermal, short-term (systemic) | 40 mg/kg          |
| 100-51-6   | benzyl alcohol                                                                              | DNEL long-term inhalative (systemic)     | 22 mg/m³          |
| 100-51-6   | benzyl alcohol                                                                              | DNEL acute inhalative (systemic)         | 110 mg/m³         |
| 71-36-3    | butan-1-ol                                                                                  | DNEL long-term inhalative (local)        | 310 mg/m³         |
| 71-36-3    | butan-1-ol                                                                                  | DNEL long-term oral (repeated)           | 3.125 mg/kg       |
| 71-36-3    | butan-1-ol                                                                                  | DNEL long-term inhalative (systemic)     | 310 mg/m³         |
| 71-36-3    | butan-1-ol                                                                                  | DNEL acute inhalative (systemic)         | 310 mg/m³         |
| 71-36-3    | butan-1-ol                                                                                  | DNEL acute inhalative (local)            | 310 mg/m³         |
| 100-41-4   | ethylbenzene                                                                                | DNEL long-term inhalative (systemic)     | 77 mg/m³          |
| 100-41-4   | ethylbenzene                                                                                | DNEL long-term dermal (systemic)         | 180 mg/kg bw/day  |
| 50-00-0    | formaldehyde                                                                                | DNEL acute dermal, short-term (local)    | 0.037 mg/kg       |
| 50-00-0    | formaldehyde                                                                                | DNEL acute inhalative (local)            | 0.8 mg/kg         |
| 50-00-0    | formaldehyde                                                                                | DNEL long-term inhalative (local)        | 0.4 mg/m³         |
| 50-00-0    | formaldehyde                                                                                | DNEL long-term inhalative (systemic)     | 9 mg/m³           |
| 50-00-0    | formaldehyde                                                                                | DNEL long-term dermal (systemic)         | 240 mg/kg bw/day  |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight 700 < x < 1100 | DNEL long-term inhalative (systemic)     | 12.25 mg/m³       |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight 700 < x < 1100 | DNEL acute inhalative (systemic)         | 12.25 mg/m³       |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight 700 < x < 1100 | DNEL acute dermal, short-term (systemic) | 8.33 mg/kg bw/day |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight 700 < x < 1100 | DNEL long-term dermal (systemic)         | 8.33 mg/kg bw/day |

**DNEL Consumer**

| CAS No.  | Substance name       | DNEL type                            | DNEL value        |
|----------|----------------------|--------------------------------------|-------------------|
| 107-98-2 | 1-methoxy-2-propanol | DNEL long-term inhalative (systemic) | 43.9 mg/m³        |
| 107-98-2 | 1-methoxy-2-propanol | DNEL long-term dermal (systemic)     | 18.1 mg/kg bw/day |
| 107-98-2 | 1-methoxy-2-propanol | DNEL long-term oral (repeated)       | 3.3 mg/kg bw/day  |

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|------------|---------------------------------------------------------------------------------------------|------------------------------------------|--------------------|
| 123-42-2   | 4-hydroxy-4-methylpentan-2-one                                                              | DNEL long-term inhalative (local)        | 11.8 mg/m³         |
| 123-42-2   | 4-hydroxy-4-methylpentan-2-one                                                              | DNEL long-term inhalative (systemic)     | 11.8 mg/m³         |
| 123-42-2   | 4-hydroxy-4-methylpentan-2-one                                                              | DNEL acute inhalative (local)            | 120 mg/m³          |
| 123-42-2   | 4-hydroxy-4-methylpentan-2-one                                                              | DNEL long-term dermal (systemic)         | 3.4 mg/kg bw/day   |
| 123-42-2   | 4-hydroxy-4-methylpentan-2-one                                                              | DNEL long-term oral (repeated)           | 3.4 mg/kg bw/day   |
| 95-47-6    | Xylene                                                                                      | DNEL long-term inhalative (local)        | 65.3 mg/m³         |
| 95-47-6    | Xylene                                                                                      | DNEL long-term inhalative (systemic)     | 65.3 mg/m³         |
| 95-47-6    | Xylene                                                                                      | DNEL acute inhalative (systemic)         | 260 mg/m³          |
| 95-47-6    | Xylene                                                                                      | DNEL acute inhalative (local)            | 260 mg/m³          |
| 95-47-6    | Xylene                                                                                      | DNEL long-term dermal (systemic)         | 125 mg/kg bw/day   |
| 95-47-6    | Xylene                                                                                      | DNEL long-term oral (repeated)           | 12.5 mg/kg bw/day  |
| 1330-20-7  | Xylene                                                                                      | DNEL long-term inhalative (local)        | 65.3 mg/m³         |
| 1330-20-7  | Xylene                                                                                      | DNEL long-term inhalative (systemic)     | 65.3 mg/m³         |
| 1330-20-7  | Xylene                                                                                      | DNEL acute inhalative (systemic)         | 260 mg/m³          |
| 1330-20-7  | Xylene                                                                                      | DNEL acute inhalative (local)            | 260 mg/m³          |
| 1330-20-7  | Xylene                                                                                      | DNEL long-term dermal (systemic)         | 125 mg/kg bw/day   |
| 1330-20-7  | Xylene                                                                                      | DNEL long-term oral (repeated)           | 12.5 mg/kg bw/day  |
| 100-51-6   | benzyl alcohol                                                                              | DNEL long-term dermal (systemic)         | 4 mg/kg            |
| 100-51-6   | benzyl alcohol                                                                              | DNEL acute dermal, short-term (systemic) | 20 mg/kg           |
| 100-51-6   | benzyl alcohol                                                                              | DNEL long-term inhalative (systemic)     | 5.4 mg/m³          |
| 100-51-6   | benzyl alcohol                                                                              | DNEL acute inhalative (systemic)         | 27 mg/m³           |
| 71-36-3    | butan-1-ol                                                                                  | DNEL long-term inhalative (local)        | 55 mg/m³           |
| 71-36-3    | butan-1-ol                                                                                  | DNEL long-term inhalative (systemic)     | 55 mg/m³           |
| 100-41-4   | ethylbenzene                                                                                | DNEL long-term inhalative (systemic)     | 15 mg/m³           |
| 100-41-4   | ethylbenzene                                                                                | DNEL long-term oral (repeated)           | 1.6 mg/kg bw/day   |
| 50-00-0    | formaldehyde                                                                                | DNEL long-term inhalative (local)        | 0.1 mg/m³          |
| 50-00-0    | formaldehyde                                                                                | DNEL long-term dermal (systemic)         | 102 mg/kg bw/day   |
| 50-00-0    | formaldehyde                                                                                | DNEL long-term oral (repeated)           | 4.1 mg/kg bw/day   |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight 700 < x < 1100 | DNEL long-term dermal (systemic)         | 3.571 mg/kg        |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight 700 < x < 1100 | DNEL long-term inhalative (systemic)     | 0.75 mg/m³         |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight 700 < x < 1100 | DNEL acute inhalative (systemic)         | 0.75 mg/m³         |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight 700 < x < 1100 | DNEL acute dermal, short-term (systemic) | 3.571 mg/kg bw/day |

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|------------|--------------------------------------------------------------------------------------------------|--------------------------------|-------------------|
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin)<br>with average molecular weight $700 < x < 1100$ | DNEL long-term oral (repeated) | 0.75 mg/kg bw/day |
|------------|--------------------------------------------------------------------------------------------------|--------------------------------|-------------------|

**PNEC**

| CAS No.   | Substance name                 | PNEC type                          | PNEC Value    |
|-----------|--------------------------------|------------------------------------|---------------|
| 107-98-2  | 1-methoxy-2-propanol           | PNEC sediment, marine water        | 5.2 mg/kg     |
| 107-98-2  | 1-methoxy-2-propanol           | PNEC sediment, freshwater          | 52.3 mg/kg    |
| 107-98-2  | 1-methoxy-2-propanol           | PNEC aquatic, freshwater           | 10 mg/L       |
| 107-98-2  | 1-methoxy-2-propanol           | PNEC sewage treatment plant (STP)  | 100 mg/L      |
| 107-98-2  | 1-methoxy-2-propanol           | PNEC soil, freshwater              | 4.59 mg/kg    |
| 107-98-2  | 1-methoxy-2-propanol           | PNEC aquatic, intermittent release | 100 mg/L      |
| 107-98-2  | 1-methoxy-2-propanol           | PNEC aquatic, marine water         | 1 mg/L        |
| 123-42-2  | 4-hydroxy-4-methylpentan-2-one | PNEC sewage treatment plant (STP)  | 82 mg/L       |
| 123-42-2  | 4-hydroxy-4-methylpentan-2-one | PNEC aquatic, freshwater           | 2 mg/L        |
| 123-42-2  | 4-hydroxy-4-methylpentan-2-one | PNEC soil, freshwater              | 0.63 mg/kg dw |
| 123-42-2  | 4-hydroxy-4-methylpentan-2-one | PNEC aquatic, intermittent release | 1 mg/L        |
| 123-42-2  | 4-hydroxy-4-methylpentan-2-one | PNEC aquatic, marine water         | 0.2 mg/L      |
| 95-47-6   | Xylene                         | PNEC sediment, marine water        | 12.46 mg/kg   |
| 95-47-6   | Xylene                         | PNEC sediment, freshwater          | 12.46 mg/kg   |
| 95-47-6   | Xylene                         | PNEC sewage treatment plant (STP)  | 6.58 mg/L     |
| 95-47-6   | Xylene                         | PNEC soil, freshwater              | 2.31 mg/kg    |
| 95-47-6   | Xylene                         | PNEC aquatic, freshwater           | 0.327 mg/L    |
| 95-47-6   | Xylene                         | PNEC aquatic, marine water         | 0.327 mg/L    |
| 1330-20-7 | Xylene                         | PNEC sediment, marine water        | 12.46 mg/kg   |
| 1330-20-7 | Xylene                         | PNEC sediment, freshwater          | 12.46 mg/kg   |
| 1330-20-7 | Xylene                         | PNEC aquatic, marine water         | 0.327 mg/L    |
| 1330-20-7 | Xylene                         | PNEC sewage treatment plant (STP)  | 6.58 mg/L     |
| 1330-20-7 | Xylene                         | PNEC aquatic, freshwater           | 0.327 mg/L    |
| 1330-20-7 | Xylene                         | PNEC soil, freshwater              | 2.31 mg/kg    |
| 100-51-6  | benzyl alcohol                 | PNEC sediment, marine water        | 0.527 mg/kg   |
| 100-51-6  | benzyl alcohol                 | PNEC sediment, freshwater          | 5.27 mg/kg    |
| 100-51-6  | benzyl alcohol                 | PNEC aquatic, freshwater           | 1 mg/L        |
| 100-51-6  | benzyl alcohol                 | PNEC sewage treatment plant (STP)  | 39 mg/L       |
| 100-51-6  | benzyl alcohol                 | PNEC soil, freshwater              | 0.456 mg/kg   |
| 100-51-6  | benzyl alcohol                 | PNEC aquatic, intermittent release | 2.3 mg/L      |
| 100-51-6  | benzyl alcohol                 | PNEC aquatic, marine water         | 0.1 mg/L      |
| 71-36-3   | butan-1-ol                     | PNEC sediment, marine water        | 0.018 mg/kg   |
| 71-36-3   | butan-1-ol                     | PNEC sediment, freshwater          | 0.178 mg/kg   |
| 71-36-3   | butan-1-ol                     | PNEC aquatic, marine water         | 0.008 mg/L    |
| 71-36-3   | butan-1-ol                     | PNEC sewage treatment plant (STP)  | 2,476 mg/L    |
| 71-36-3   | butan-1-ol                     | PNEC aquatic, freshwater           | 0.082 mg/L    |
| 71-36-3   | butan-1-ol                     | PNEC soil, freshwater              | 0.015 mg/kg   |
| 71-36-3   | butan-1-ol                     | PNEC aquatic, intermittent release | 2.25 mg/L     |

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| 100-41-4   | ethylbenzene                                                                                  | PNEC sediment, marine water        | 1.37 mg/kg  |
| 100-41-4   | ethylbenzene                                                                                  | PNEC sediment, freshwater          | 13.7 mg/kg  |
| 100-41-4   | ethylbenzene                                                                                  | PNEC aquatic, marine water         | 0.01 mg/L   |
| 100-41-4   | ethylbenzene                                                                                  | PNEC aquatic, freshwater           | 0.1 mg/L    |
| 100-41-4   | ethylbenzene                                                                                  | PNEC soil, freshwater              | 2.68 mg/kg  |
| 50-00-0    | formaldehyde                                                                                  | PNEC sediment, marine water        | 2.44 mg/kg  |
| 50-00-0    | formaldehyde                                                                                  | PNEC sediment, freshwater          | 2.44 mg/kg  |
| 50-00-0    | formaldehyde                                                                                  | PNEC sewage treatment plant (STP)  | 0.19 mg/L   |
| 50-00-0    | formaldehyde                                                                                  | PNEC aquatic, freshwater           | 0.47 mg/L   |
| 50-00-0    | formaldehyde                                                                                  | PNEC aquatic, intermittent release | 4.7 mg/L    |
| 50-00-0    | formaldehyde                                                                                  | PNEC soil, freshwater              | 0.21 mg/kg  |
| 50-00-0    | formaldehyde                                                                                  | PNEC aquatic, marine water         | 0.47 mg/L   |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight $700 < x < 1100$ | PNEC sediment, marine water        | 0.1 mg/kg   |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight $700 < x < 1100$ | PNEC Secondary Poisoning           | 11 mg/kg    |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight $700 < x < 1100$ | PNEC sediment, freshwater          | 0.996 mg/kg |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight $700 < x < 1100$ | PNEC sewage treatment plant (STP)  | 10 mg/L     |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight $700 < x < 1100$ | PNEC soil, freshwater              | 0.196 mg/kg |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight $700 < x < 1100$ | PNEC aquatic, freshwater           | 0.006 mg/L  |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight $700 < x < 1100$ | PNEC aquatic, intermittent release | 0.018 mg/L  |
| 25036-25-3 | reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight $700 < x < 1100$ | PNEC aquatic, marine water         | 0.001 mg/L  |

## 8.2 Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

### Personal protection equipment

#### Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

#### Hand protection

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles: EN ISO 374

#### Skin protection

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

#### Eye/face protection

Eye glasses with side protection: EN 166

#### Body protection

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. Anti-static clothing including shoes are recommended.

#### Remark

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

#### Environmental exposure controls

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

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## Section 9 - Physical and chemical properties

### 9.1 Basic physical and chemical properties

|                                            |                              |
|--------------------------------------------|------------------------------|
| Physical state                             | Liquid                       |
| Colour                                     | brown                        |
| Odour                                      | characteristic               |
| pH at 20 °C                                | not determined               |
| Melting point/freezing point               | not determined               |
| Initial boiling point and boiling range    | > 35 °C                      |
| Flash point                                | 23 °C                        |
| Flammability                               | Flammable liquid and vapour. |
| Lower explosion limit at 20°C              | not determined               |
| Upper explosion limit at 20°C              | not determined               |
| Vapour pressure at 20 °C                   | 4 mbar                       |
| Relative vapour density                    | not applicable               |
| Density at 20 °C                           | 1.0 +/- 0.1 kg/l             |
| Water solubility at 20°C                   | practically insoluble        |
| Partition coefficient n-octanol/water (DE) | see section 12               |
| Auto-ignition temperature                  | not determined               |
| Decomposition temperature                  | not determined               |
| Viscosity                                  | 35s / 4mm                    |
| particle characteristics                   | not applicable               |

### 9.2 Other information

not applicable

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

### 10.3 Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

### 10.4 Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

### 10.5 Incompatible materials

No further relevant information available.

### 10.6 Hazardous decomposition products

Decomposition products in case of fire: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Harmful if swallowed or if inhaled.

ATEmix: (inhalative (vapours)) 18.608 mg/L

ATEmix: (oral) 1,697.339 mg/kg

#### 1-methoxy-2-propanol

LD50: dermal (Rat): > 2 mg/kg

LD50: oral (Rat): = 4.016 mg/kg

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LC50: inhalative (Rat): = 36.67 mg/L (4 h); (OECD 403)

**4-hydroxy-4-methylpentan-2-one**

LD50: oral (Rat): = 3,002 mg/kg; (OECD 401)

LD50: dermal (Rabbit): = 13,630 mg/kg

LC0: inhalative = 7.6 mg/L (4 h); (OECD 403)

**Xylene**

LD50: oral (Rat): = 4,300 mg/kg

LD50: oral = 5.523 mg/kg

LD50: dermal (Rabbit): = 2,000 mg/kg

LC50: inhalative = 6,700 ppm (4 h)

EC50 (Pseudokirchneriella subcapitata): = 2.2 mg/L (73 h); (OECD 201)

LD50: oral (Rat): = 3,500 mg/kg

LD50: dermal (Rabbit): > 1,700 mg/kg

LC50: inhalative = 6,700 ppm (4 h)

**benzyl alcohol**

LD50: oral (Rat): = 1,200 mg/kg bw

LD50: dermal (Rat): = 1.23 mg/kg

LD50: dermal (Rabbit): = 2 mg/kg

LD50: oral (Rat): = 1.23 mg/kg

oral (Mouse): = 200

oral (Rat): = 400 mg/kg

NOAEC inhalative (Rat): = 1,072 mg/m<sup>3</sup>; (OECD 412)

**butan-1-ol**

LD50: oral (Rat): = 2,292 mg/kg; (OECD 401)

LD50: dermal (Rabbit): = 3,430 mg/kg; (OECD 402)

**ethylbenzene**

LD50: oral (Rat): = 3.5 mg/kg

LD50: dermal (Rabbit): = 15.4 mg/kg

**reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight 700 < x < 1100**

LD50: oral (Rat): = 11,400 mg/kg

LD50: dermal (Rabbit): = 23,000 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

**Overall assessment on CMR properties**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Practical experience/human evidence**

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: Headache, Dizziness, fatigue, amyosthenia, Dizziness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the

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skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

## 11.2 Information on other hazards

### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

## SECTION 12: Ecological information

### 12.1 Toxicity

Based on available data, the classification criteria are not met.

#### 1-methoxy-2-propanol

= 1 mg/L (3 h)

Method: OECD 209

= 1 mg/L (3 h)

Method: OECD 209

#### 4-hydroxy-4-methylpentan-2-one

EC50 = 1,000 mg/L (3 h)

Method: OECD 209

EC50 = 1,000 mg/L (3 h)

Method: OECD 209

#### Xylene

NOEC = 16 mg/L (28 d)

NOEC = 16 mg/L (28 d)

NOEC = 16 mg/L (28 d)

NOEC = 16 mg/L (28 d)

#### benzyl alcohol

EC50 = 2.6 mg/L (72 h)

EC50 = 2.6 mg/L (72 h)

#### butan-1-ol

EC50 (Selenastrum capricornutum): = 225 mg/L (96 h)

Method: OECD 201

EC10: (Pseudomonas putida): = 2,476 mg/L (17 h)

EC50 (Selenastrum capricornutum): = 225 mg/L (96 h)

Method: OECD 201

EC10: (Pseudomonas putida): = 2,476 mg/L (17 h)

#### ethylbenzene

EC50 = 96 mg/L (24 h)

LC50: (Mysidopsis bahia): > 5.2 mg/L (48 h)

EC50 = 96 mg/L (24 h)

EC50 = 96 mg/L (24 h)

LC50: (Mysidopsis bahia): > 5.2 mg/L (48 h)

EC50 = 96 mg/L (24 h)

#### mix-cresol

EC50 = 1.44 (48 h)

EC50 = 1.44 (48 h)

#### Algae toxicity

##### 1-methoxy-2-propanol

ErC50: (Pseudokirchneriella subcapitata): > 1 mg/L (7 d)

ErC50: (Pseudokirchneriella subcapitata): > 1 mg/L (7 d)

ErC50: (Pseudokirchneriella subcapitata): > 1 mg/L (7 d)

ErC50: (Pseudokirchneriella subcapitata): > 1 mg/L (7 d)

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**4-hydroxy-4-methylpentan-2-one**

NOEC (Pseudokirchneriella subcapitata): = 1,000 mg/L (72 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): > 1,000 mg/L (72 h)  
 Method: OECD 201

NOEC (Daphnia magna (Big water flea)): = 100 mg/L (21 d)

NOEC (Pseudokirchneriella subcapitata): = 1,000 mg/L (72 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): > 1,000 mg/L (72 h)  
 Method: OECD 201

NOEC (Daphnia magna (Big water flea)): = 100 mg/L (21 d)

**Xylene**

LC50: (Selenastrum capricornutum): = 2.2 mg/L (73 h)  
 Method: OECD 201

LC50: (Pseudokirchneriella subcapitata): = 4.6 mg/L (72 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): = 4.6 mg/L (72 h)  
 Method: OECD 201

(Pseudokirchneriella subcapitata): = 0.72 mg/L (73 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): = 4.36 mg/L (73 h)  
 Method: OECD 201

LC50: (Selenastrum capricornutum): = 2.2 mg/L (73 h)  
 Method: OECD 201

LC50: (Pseudokirchneriella subcapitata): = 4.6 mg/L (72 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): = 4.6 mg/L (72 h)  
 Method: OECD 201

(Pseudokirchneriella subcapitata): = 0.72 mg/L (73 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): = 4.36 mg/L (73 h)  
 Method: OECD 201

LC50: (Selenastrum capricornutum): = 2.2 mg/L (73 h)  
 Method: OECD 201

LC50: (Pseudokirchneriella subcapitata): = 4.6 mg/L (72 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): = 4.6 mg/L (72 h)  
 Method: OECD 201

(Pseudokirchneriella subcapitata): = 0.72 mg/L (73 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): = 4.36 mg/L (73 h)  
 Method: OECD 201

LC50: (Selenastrum capricornutum): = 2.2 mg/L (73 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): = 4.6 mg/L (72 h)  
 Method: OECD 201

LC50: (Pseudokirchneriella subcapitata): = 4.6 mg/L (72 h)  
 Method: OECD 201

ErC50: (Pseudokirchneriella subcapitata): = 4.36 mg/L (73 h)  
 Method: OECD 201

(Pseudokirchneriella subcapitata): = 0.72 mg/L (73 h)  
 Method: OECD 201

**benzyl alcohol**

NOEC (Skeletonelema costatum): = 0.027 mg/L (72 h)

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ErC50: (Pseudokirchneriella subcapitata): = 0.11 mg/L (72 h)

NOEC (Skeletoema costatum): = 0.027 mg/L (72 h)

ErC50: (Pseudokirchneriella subcapitata): = 0.11 mg/L (72 h)

**ethylbenzene**

EC50 (Skeletoema costatum): = 4.9 mg/L (72 h)

EC50 (Pseudokirchneriella subcapitata): = 7.2 mg/L (48 h)

NOEC (Pseudokirchneriella subcapitata): = 3.4 mg/L (96 h)

EC50 (Skeletoema costatum): = 4.9 mg/L (72 h)

EC50 (Pseudokirchneriella subcapitata): = 7.2 mg/L (48 h)

NOEC (Pseudokirchneriella subcapitata): = 3.4 mg/L (96 h)

**reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight  $700 < x < 1100$**

EC50 = 9.4 mg/L (72 h)

EC50 = 9.4 mg/L (72 h)

**Daphnia toxicity**

**1-methoxy-2-propanol**

EC50 = 21.1 mg/L (48 h)

EC50 = 21.1 mg/L (48 h)

**4-hydroxy-4-methylpentan-2-one**

EC50 > 1,000 mg/L (48 h)

Method: OECD 202

EC50 > 1,000 mg/L (48 h)

Method: OECD 202

**Xylene**

= 1 mg/L (24 h)

Method: OECD 202

= 1.91 mg/L (21 d)

Method: OECD 211

= 2.9 mg/L (21 d)

Method: OECD 211

NOEC = 1.17 mg/L (7 d)

LOEC: (Daphnia magna (Big water flea)): = 3.16 mg/L (21 d)

Method: OECD 211

= 1 mg/L (24 h)

Method: OECD 202

= 1.91 mg/L (21 d)

Method: OECD 211

= 2.9 mg/L (21 d)

Method: OECD 211

LOEC: (Daphnia magna (Big water flea)): = 3.16 mg/L (21 d)

Method: OECD 211

NOEC = 1.17 mg/L (7 d)

= 1 mg/L (24 h)

Method: OECD 202

= 1.91 mg/L (21 d)

Method: OECD 211

= 2.9 mg/L (21 d)

Method: OECD 211

NOEC = 1.17 mg/L (7 d)

LOEC: (Daphnia magna (Big water flea)): = 3.16 mg/L (21 d)

Method: OECD 211

= 1 mg/L (24 h)

Method: OECD 202

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NOEC = 1.17 mg/L (7 d)

= 2.9 mg/L (21 d)

Method: OECD 211

= 1.91 mg/L (21 d)

Method: OECD 211

LOEC: (Daphnia magna (Big water flea)): = 3.16 mg/L (21 d)

Method: OECD 211

**benzyl alcohol**

EC50 (Daphnia pulex (water flea)): = 2.94 mg/L (48 h)

EC50 (Daphnia pulex (water flea)): = 2.94 mg/L (48 h)

**butan-1-ol**

EC50 (Daphnia magna (Big water flea)): = 1,328 mg/L (48 h)

Method: OECD 202

(Daphnia magna (Big water flea)): = 4.1 mg/L (21 d)

Method: OECD 211

EC50 (Daphnia magna (Big water flea)): = 1,328 mg/L (48 h)

Method: OECD 202

(Daphnia magna (Big water flea)): = 4.1 mg/L (21 d)

Method: OECD 211

**ethylbenzene**

LC50: = 3.6 mg/L (7 d)

NOEC = 0.96 mg/L (7 d)

LOEC: = 1.7 mg/L (7 d)

LC50: = 3.6 mg/L (7 d)

NOEC = 0.96 mg/L (7 d)

LOEC: = 1.7 mg/L (7 d)

**reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight  $700 < x < 1100$**

NOEC (Daphnia magna (Big water flea)): = 0.3 mg/L (21 d)

EC50 (Daphnia magna (Big water flea)): = 1.8 mg/L (48 h)

EC50 (Daphnia magna (Big water flea)): = 1.8 mg/L (48 h)

NOEC (Daphnia magna (Big water flea)): = 0.3 mg/L (21 d)

**Fish toxicity**

**1-methoxy-2-propanol**

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 1 mg/L (96 h)

Method: OECD 203

LC50: (Pimephales promelas (fathead minnow)): = 20.8 mg/L (96 h)

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 1 mg/L (96 h)

Method: OECD 203

LC50: (Pimephales promelas (fathead minnow)): = 20.8 mg/L (96 h)

**4-hydroxy-4-methylpentan-2-one**

LC50: > 100 mg/L (96 h)

Method: OECD 203

**Xylene**

LC50: = 2.6 mg/L (96 h)

Method: OECD 203

NOEC > 1.3 mg/L (56 d)

LC50: = 2.6 mg/L (96 h)

Method: OECD 203

NOEC > 1.3 mg/L (56 d)

LC50: = 2.6 mg/L (96 h)

Method: OECD 203

NOEC > 1.3 mg/L (56 d)

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LC50: = 2.6 mg/L (96 h)  
 Method: OECD 203

NOEC > 1.3 mg/L (56 d)

**benzyl alcohol**

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 2.18 mg/L (96 h)

LC50: (Lepomis macrochirus (Bluegill)): = 10 ppm (96 h)

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 2.18 mg/L (96 h)

LC50: (Lepomis macrochirus (Bluegill)): = 10 ppm (96 h)

**butan-1-ol**

LC50: (Pimephales promelas (fathead minnow)): = 1,376 mg/L (96 h)

Method: OECD 203

LC50: (Pimephales promelas (fathead minnow)): = 1,376 mg/L (96 h)

Method: OECD 203

**ethylbenzene**

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 4.2 mg/L (96 h)

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 4.2 mg/L (96 h)

**formaldehyde**

LC50: = 52.5 mg/L (96 h)

LC50: = 52.5 mg/L (96 h)

**reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight  $700 < x < 1100$**

LC50: (Leuciscus idus (golden orfe)): = 2 mg/L (96 h)

EC50 (Leuciscus idus (golden orfe)): = 3.6 mg/L (96 h)

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 2 mg/L (96 h)

EC50 (Selenastrum capricornutum): = 220 mg/L (96 h)

EC50 (Leuciscus idus (golden orfe)): = 3.6 mg/L (96 h)

LC50: (Leuciscus idus (golden orfe)): = 2 mg/L (96 h)

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 2 mg/L (96 h)

EC50 (Selenastrum capricornutum): = 220 mg/L (96 h)

**12.2 Persistence and degradability**

**1-methoxy-2-propanol**

Biodegradation = 96 % (28 d )

Biodegradation = 96 % (28 d )

**4-hydroxy-4-methylpentan-2-one**

Biodegradation = 98.51 % (28 d )

Biodegradation = 98.51 % (28 d )

**Xylene**

Biodegradation = 98 % (28 d )

Biodegradation = 98 % (28 d )

Biodegradation = 98 % (28 d )

Biodegradation = 98 % (28 d )

**butan-1-ol**

Biodegradation = 92 % (20 d )

Biodegradation = 92 % (20 d )

**reaction product: bisphenol-A-(epichlorhydrin) with average molecular weight  $700 < x < 1100$**

Biodegradation = 5 % (28 d )

Biodegradation = 5 % (28 d )

**12.3 Bioaccumulative potential**

**1-methoxy-2-propanol**

Bioconcentration factor (BCF) = 3.16

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= 1

Bioconcentration factor (BCF) = 3.16

= 1

**Xylene**

= 3.49

= 3.49

= 3.49

= 3.49

**benzyl alcohol**

Bioconcentration factor (BCF) = 1.37

= 1.05

Bioconcentration factor (BCF) = 1.37

= 1.05

**butan-1-ol**

= 0.88

= 0.88

**ethylbenzene**

= 3.6

= 3.6

**mix-cresol**

Partition coefficient: n-octanol/water = 5.1

Partition coefficient: n-octanol/water = 5.1

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6 Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7 Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product/Packaging disposal**

Do not empty into drains; dispose of this material and its container in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**Waste codes/waste designations according to EWC/AVV**

080111\* - Waste paint and varnish containing organic solvents or other dangerous substances

\* Hazardous waste according to Directive 2008/98/EC (waste framework directive).

**Other disposal recommendations**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

UN 1263

**14.2 UN proper shipping name**

**Land transport (ADR/RID)**

Paint

**Sea transport (IMDG)**

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Paint

**Air transport (ICAO-TI / IATA-DGR)**

Paint

**14.3 Transport hazard class(es)**

|                                    |   |
|------------------------------------|---|
| Land transport (ADR/RID)           | 3 |
| Sea transport (IMDG)               | 3 |
| Air transport (ICAO-TI / IATA-DGR) | 3 |

**14.4 Packing group**

|                                    |     |
|------------------------------------|-----|
| Land transport (ADR/RID)           | III |
| Sea transport (IMDG)               | III |
| Air transport (ICAO-TI / IATA-DGR) | III |

**14.5 Environmental hazards**

|                          |                |
|--------------------------|----------------|
| Land transport (ADR/RID) | not applicable |
| Sea transport (IMDG)     | not applicable |

**14.6 Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**14.7 Maritime transport in bulk according to IMO instruments**

No transport as bulk according to IBC Code.

**14.8 Additional information**

**Land transport (ADR/RID)**

Tunnel restriction code: D/E

Limited quantity (LQ): 5 ltr

Hazard identification number (Kemler No.): 30

**Sea transport (IMDG)**

EmS-No.: F-E, S-E

Limited quantity (LQ): 5 ltr

**Air transport (ICAO-TI / IATA-DGR)**

Limited quantity (LQ): 10 Liter

## SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU legislation**

**Authorisations and/or restrictions on use**

**Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)**

Use restriction according to REACH annex XVII, no.: 03, 40

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable.  
 Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC) or stricter national regulations, if applicable.

**Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]**

VOC value: 720 g/l

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]**

**Hazard categories / Named dangerous substances**

P5c FLAMMABLE LIQUIDS

Quantity 1: 5,000t; Quantity 2: 50,000t

**National regulations**

Observe in addition any national regulations!

**Water hazard class**

**15.2 Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

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## SECTION 16: Other information

### List of relevant hazard statements and/or precautionary statements from sections 2 to 15

|      |                                                                                                                                                                                                                      |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H225 | Highly flammable liquid and vapour.                                                                                                                                                                                  |
| H226 | Flammable liquid and vapour.                                                                                                                                                                                         |
| H301 | Toxic if swallowed.                                                                                                                                                                                                  |
| H302 | Harmful if swallowed.                                                                                                                                                                                                |
| H304 | May be fatal if swallowed and enters airways.                                                                                                                                                                        |
| H311 | Toxic in contact with skin.                                                                                                                                                                                          |
| H312 | Harmful in contact with skin.                                                                                                                                                                                        |
| H314 | Causes severe skin burns and eye damage.                                                                                                                                                                             |
| H315 | Causes skin irritation.                                                                                                                                                                                              |
| H317 | May cause an allergic skin reaction.                                                                                                                                                                                 |
| H318 | Causes serious eye damage.                                                                                                                                                                                           |
| H319 | Causes serious eye irritation.                                                                                                                                                                                       |
| H331 | Toxic if inhaled.                                                                                                                                                                                                    |
| H332 | Harmful if inhaled.                                                                                                                                                                                                  |
| H335 | May cause respiratory irritation.                                                                                                                                                                                    |
| H336 | May cause drowsiness or dizziness.                                                                                                                                                                                   |
| H341 | Suspected of causing genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).                                                                       |
| H350 | May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).                                                                                           |
| H373 | May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard). |

### Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

|                                           |                        |
|-------------------------------------------|------------------------|
| Flam. Liq. 3                              | On basis of test data. |
| Acute Tox. 4 oral                         | Calculation method.    |
| Skin Irrit. 2                             | Calculation method.    |
| Skin Sens. 1                              | Calculation method.    |
| Eye Dam. 1                                | Calculation method.    |
| Acute Tox. 4 inhalative                   | Calculation method.    |
| STOT SE 3 Irritation to respiratory tract | Calculation method.    |

### Key literature references and sources for data

Data arise from reference works and literature.

### Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 OEL: Occupational Exposure Limit Value  
 BLV: Biological limit values  
 CAS: Chemical Abstracts Service  
 CLP: Classification, Labelling and Packaging  
 CMR: Carcinogenic, Mutagenic and Reprotoxic  
 DIN: German Institute for Standardization / German industrial standard  
 DNEL: Derived No-Effect Level  
 EAKV: European Waste Catalogue Directive  
 EC: Effective Concentration  
 EC: European Community  
 EN: European Standard  
 EU/EEA: European Economic Area  
 IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
 IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
 ICAO-TI: International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air  
 IMDG Code: International Maritime Code for Dangerous Goods  
 ISO: International Organization for Standardization  
 LC: Lethal Concentration  
 LD: Lethal Dose  
 :  
 MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
 OECD: Organisation for Economic Cooperation and Development  
 PBT: persistent, bioaccumulative, toxic  
 PNEC: Predicted No Effect Concentration  
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

**Safety Data Sheet**  
**according to Regulation (EC) No. 1907/2006 (REACH)**  
**according to Regulation (EU) 2020/878**



2756.0135  
Version 1.0

Internal lacquer V-5266  
Revision date 29 Jan 2026

Print date 14 Feb 2026

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
UN: United Nations  
VOC: Volatile Organic Compounds  
vPvB: very persistent and very bioaccumulative

**Indication of changes**

\* Data changed compared with the previous version.

Shipper  
QCS-QUICK CARGO SERVICE GMBH  
WERNER-WITT-STRASSE 5  
21035 HAMBURG, GERMANY  
TAX-ID:DE114202533  
TELEPHONE: 00494023838940

B/L No.  
VER283529



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163710

Copy

Consigned to order of  
AIRMAR TRANSPORTES INTERNACIONALES  
S.A. DE C.V. NORTE 174, NO. 549,  
COL PENSADOR MEXICANO 15510 MEXICO,  
CMX MEXICO TAX ID: ATI 9307029F8  
TEL: 52.55.19.99.90.00

Notify Party and address  
AIRMAR TRANSPORTES INTERNACIONALES  
S.A. DE C.V. NORTE 174, NO. 549,  
COL PENSADOR MEXICANO 15510 MEXICO,  
CMX MEXICO TAX ID: ATI 9307029F8  
TEL: 52.55.19.99.90.00

|                                                                                                                     |                                   |                                                                                                                                                                                                                                                                        |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                                                                                                                     |                                   | Place of receipt<br>HAMBURG CFS                                                                                                                                                                                                                                        |                                                                                         |
| Ocean vessel<br>GSL MARIA 614W                                                                                      |                                   | Port of loading<br>HAMBURG                                                                                                                                                                                                                                             |                                                                                         |
| Port of discharge<br>VERACRUZ                                                                                       | Place of delivery<br>VERACRUZ CFS |                                                                                                                                                                                                                                                                        | Freight payable<br>VERACRUZ                                                             |
|                                                                                                                     |                                   | Number of original Bills of Lading<br>0/ZERO                                                                                                                                                                                                                           |                                                                                         |
| Marks and Nos.<br>ECLATIN AG FARBEN<br>UND LACKE<br>ALLTUB MEXICO S<br>DE R.L. DE C.V.<br>PO 4500034352 /<br>222748 | Quantity of Goods<br>1 PALLET     | Description of Goods<br>PAINT<br>2 STEEL DRUMS PAINT<br>IMDG-CODE CLASS 3<br>UN-NO 1263<br>PACKAGING GROUP III<br>EMS-NO. F-E, S-E<br>FLASHPOINT +23? DEGR, CEL<br>TRANSPORT IN ACCORDING<br>1.1.4.2.1<br>UN 1A2/Y1.5/120<br>AS PER INVOICE: 222748<br>HS-CODE: 320890 | Said to contain<br>Gross weight, kg.<br>430,000<br>Measurement, m <sup>3</sup><br>1,008 |

STOWED INTO CONTAINER NO.: MRKU6424627

SEAL : B136750

**TOTAL** **1 PALLET** **430,000 KGS** **1,008 CBM**

FREIGHT COLLECT - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- a) undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and  
b) assumes liability as prescribed in this document for such transport.

**One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.**

IN WITNESS whereof three (3) original Bills of Lading have been signed, if not otherwise stated above, one of which being accomplished the other(s) to be void.

Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

**Note:**

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

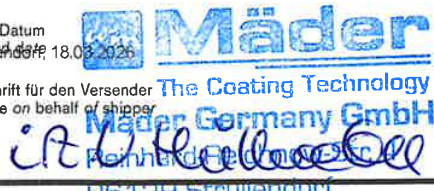
# BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach § 6 GGVSee (IMO-ERKLÄRUNG)

## TRANSPORT DOCUMENT FOR DANGEROUS GOODS

### (IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4.2; MARPOL 73/78, Anlage III, Regel 5 Absatz 2 und dem IMDG-Code, Kapitel 5.4  
This form meets the requirements of SOLAS 74, chapter VII regulation 4.2; MARPOL 73/78, Annex III, regulation 5.2 and the IMDG-Code, Chapter 5.4

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Versender (Name &amp; Anschrift)</b><br><b>Shipper (Name &amp; Address)</b><br>Reinhard-Reichnow-Str. 4<br>96129 Strullendorf, GERMANY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                        | <b>Buchungsnummer(n)</b><br><b>Reference number(s)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                              |
| <b>Empfänger</b><br><b>Consignee</b><br>PRODUCTOS RIVIAL SA DE CV<br>GUSTAVO BAZ 4871, COLONIA SAN PEDRO BARRIENTOS<br>TLALNEPANTLA, ESTADO DE MÉXICO CP 54010 / MEXICO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                        | <b>Beförderer</b><br><b>Carrier</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                              |
| <b>CONTAINER / FAHRZEUG-PACKZERTIFIKAT</b><br><b>CONTAINER / VEHICLE PACKING CERTIFICATE</b><br><br><b>ERKLÄRUNG</b><br>Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde.<br><br><b>DECLARATION</b><br>It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1.<br><br><b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b><br><b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>                                                                                                                                                                           |                                                                                                        | <b>Container-/Fahrzeug-Nr.:</b><br><b>Container-/Vehicle-Nr.:</b><br><br><b>Name/Funktion, Unternehmen/Organisation des Unterzeichners</b><br><b>Name/status, company/organization of signatory</b><br><br><b>Ort und Datum</b><br><b>Place and date</b><br><br><b>Unterschrift für den Packer</b><br><b>Signature on behalf of packer</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                              |
| <b>Schiffsname und Nummer der Reise</b><br><b>Ship's name and voyage No.</b><br><br><b>Ladehafen</b><br><b>Port of loading</b><br>Hamburg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                        | <b>(Frei für Text, Anweisungen und sonstige Angaben)</b><br><b>(Reserved for text, instructions or other matter)</b><br><br><b>Beförderung nach Unterabschnitt 1.1.4.2.1 ADR, Emergency contact Michael Sommer + 49 – 173-675 39 62 / A018630/816635</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                              |
| <b>Löschhafen</b><br><b>Port of discharge</b><br>Veracruz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                              |
| <b>UN-Nr.</b><br><b>UN-No.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Inhalt (richtiger technischer Name) *</b><br><b>Proper Shipping Name (Correct technical name) *</b> | <b>Klasse/Unterklasse nach IMO</b><br><b>IMO Class/ Subsidiary Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Verpackungsgruppe</b><br><b>Packing group</b>                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Markierung der Versandstücke</b><br><b>Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen</b><br><b>Marks &amp; Nos, if applicable, identification or registration number(s) of the Unit</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Anzahl und Verp.-Art</b><br><b>No. and kind of packages</b>                                                                                                                                               |
| UN1263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PAINT                                                                                                  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | III                                                                                                                                                                                                          |
| UN1263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PAINT                                                                                                  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | III                                                                                                                                                                                                          |
| UN1263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PAINT RELATED MATERIAL                                                                                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | III                                                                                                                                                                                                          |
| UN1263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PAINT                                                                                                  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | III                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1)-,-<br>2)-,-<br>3)-,-<br>4)-,-                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 30 steel drums(1A2)<br>1 fibreboard-box(4G)<br>(contains : 2 metal cans )<br>15 steel drums (1A2)<br>8 steel drums (1A2)                                                                                     |
| <b>Bruttomenge (Volumen/Masse)</b><br><b>Gross quantity (volume/mass)</b><br><b>Nettomenge/Volumen/Masse - Net quantity/volume/mass</b><br><b>Netto Explosivstoffmasse ***</b><br><b>Net explosive mass ***</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                        | <b>Merkblatt-Nr. für Unfall-Maßnahmen</b><br><b>EmS-No.</b><br><br><b>Eigenschaften / Properties</b><br><b>Flammpunkt / Flashpoint **</b><br><b>MARINE POLLUTANT **</b><br><b>Kontroll- und Notfalltemperatur **</b><br><b>Control- and emergency temperature **</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                              |
| 1) gross: 743,6 kg net: 600,00 kg<br>2) gross: 2,24 kg net: 2 kg<br>3) gross: 171,00 kg net: 150,00 kg<br>4) gross: 211,033 kg net: 194,5 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                        | EmS F-E,S-E flashpoint: + 31°C.c.c.<br>EmS F-E,S-E flashpoint: + 31°C.c.c.<br>EmS F-E, S-E flashpoint: + 41°C.c.c.<br>EmS F-E, S-E flashpoint: + 24°C.c.c.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                              |
| * Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen.<br>** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1;<br>*** Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEARED" or "RESIDUE - LAST CONTAINED" should be added; (3) „LIMITED QUANTITY“ should be added.<br>** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;                                                                                                                                      |                                                                                                        | <b>Güter angeliefert als / Goods delivered as:</b><br><input checked="" type="checkbox"/> Stückgut / Breakbulk cargo<br><input type="checkbox"/> Ladungseinheiten (Unit Loads)<br>Unitized cargo<br><input type="checkbox"/> Bulkverpackungen / Bulk packages<br><br><b>Art der Einheit</b><br><b>(Container, Anhänger, Tank, Fahrzeug usw.)</b><br><b>Type of unit (container, trailer, tank, vehicle etc.)</b><br><input type="checkbox"/> offen / open<br><input checked="" type="checkbox"/> geschlossen / closed<br><br><b>Zutreffendes ankreuzen</b><br><b>Insert "X" in appropriate box</b><br><b>(Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.)</b><br><b>(This column may be left empty apart from the heading, in which case insert appropriate description.)</b> |                                                                                                                                                                                                              |
| <b>ZUSÄTZLICHE ANGABEN</b><br>Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).<br><b>ADDITIONAL INFORMATION</b><br>In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                              |
| <b>ERKLÄRUNG DES VERSENDERS:</b><br>Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, gekennzeichnet und beschriftet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand.<br><br><b>SHIPPER'S DECLARATION:</b><br>I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name, and are classified, packaged and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national government regulations. |                                                                                                        | <b>Name/Funktion, Unternehmen/Organisation des Unterzeichners</b><br><b>Name/status, company/organization of signatory</b><br>i.A. Verena Hüllweber (export clerk )<br><br><b>Ort und Datum</b><br><b>Place and date</b><br>Strullendorf, 18.08.2026<br><br><b>Unterschrift für den Versender</b><br><b>Signature on behalf of shipper</b><br>                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                              |

**SAFETY DATA SHEET**

REACH Regulation (EC) No 1907/2006

**Durodur 3052-13047MX Clear semi glossy**

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 16.12.2022  |
| 1.7     | 06.08.2024     | 102000072821 | Date of first issue: 30.11.2018 |

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name : Durodur 3052-13047MX Clear semi glossy

Identification of the article : 2031473

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the Sub-  
stance/Mixture : Industrial paint

**1.3 Details of the supplier of the safety data sheet**

Company : Mäder Germany GmbH  
Reinhard-Reichnow-Strasse 4  
DE - 96129 STRULLENDORF

Telephone : +49 (0) 9543 / 65-0

Telefax : +49 (0) 9543 / 65-66

E-mail address of person  
responsible for the SDS : info.strullendorf@mader-group.com

**1.4 Emergency telephone number**

Emergency telephone  
number : Phone : +49 (0) 9543/65-0

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

|                                                                                      |                                                          |
|--------------------------------------------------------------------------------------|----------------------------------------------------------|
| Flammable liquids, Category 3                                                        | H226: Flammable liquid and vapour.                       |
| Eye irritation, Category 2                                                           | H319: Causes serious eye irritation.                     |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness.                 |
| Long-term (chronic) aquatic hazard, Category 3                                       | H412: Harmful to aquatic life with long lasting effects. |

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Hazard pictograms :



**SAFETY DATA SHEET**

REACH Regulation (EC) No 1907/2006

**Durodur 3052-13047MX Clear semi glossy**

|         |                |              |                                 |
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| Version | Revision Date: | SDS Number:  | Date of last issue: 16.12.2022  |
| 1.7     | 06.08.2024     | 102000072821 | Date of first issue: 30.11.2018 |

Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

Supplemental Hazard Statements : EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing mist or vapours.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

**Response:**  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

Butyl acetate

2-Propanol, 1-methoxy-, acetate

Residual oil from production of reformed gasoline

**Additional Labelling****2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Chemical nature : Industrial paint

**Components**

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification                                                    | Concentration<br>(% w/w) |
|---------------|-------------------------------------------------------|-------------------------------------------------------------------|--------------------------|
| Butyl acetate | 123-86-4<br><br>01-2119485493-29                      | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system) | >= 30 - < 50             |
| Xylene        | 1330-20-7                                             | Flam. Liq. 3; H226                                                | >= 2,5 - < 10            |

**SAFETY DATA SHEET**

REACH Regulation (EC) No 1907/2006

**Durodur 3052-13047MX Clear semi glossy**

Version 1.7      Revision Date: 06.08.2024      SDS Number: 102000072821      Date of last issue: 16.12.2022  
 Date of first issue: 30.11.2018

|                                                                                                                               |                                 |                                                                                                                 |                 |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------|
|                                                                                                                               | 01-2119488216-32                | Acute Tox. 4; H332<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315                                                 |                 |
| 2-Propanol, 1-methoxy-, acetate                                                                                               | 108-65-6<br>01-2119475791-29    | Flam. Liq. 3; H226                                                                                              | >= 1 - < 10     |
| Diacetone alcohol                                                                                                             | 123-42-2<br>01-2119473975-21    | Eye Irrit. 2; H319<br>specific concentra-<br>tion limit<br>Eye Irrit. 2; H319<br>>= 10,000000 %                 | >= 1 - < 3      |
| Residual oil from production of re-<br>formed gasoline                                                                        | 64742-94-5<br>01-2119510128-50  | Asp. Tox. 1; H304                                                                                               | >= 1 - < 2,5    |
| 2-(2-Butoxyethoxy)ethanol                                                                                                     | 112-34-5<br>01-2119475104-44    | Eye Irrit. 2; H319                                                                                              | >= 1 - < 10     |
| [3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-<br>dimethylethyl)-4-hydroxyphenyl]-1-<br>oxopropyl]-hydroxypoly(oxo-1,2-<br>ethanediyl)  | 104810-48-2<br>01-0000015075-76 | Skin Sens. 1A;<br>H317<br>Aquatic Chronic 2;<br>H411                                                            | >= 0,25 - < 1   |
| Decanedioic acid, bis(1,2,2,6,6-<br>pentamethyl-4-piperidiny) ester                                                           | 41556-26-7<br>01-2119491304-40  | Skin Sens. 1; H317<br>Repr. 2; H361f<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410                  | >= 0,25 - < 1   |
| Methyl methacrylate                                                                                                           | 80-62-6<br>01-2119452498-28     | Flam. Liq. 2; H225<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>STOT SE 3; H335<br>(Respiratory sys-<br>tem) | >= 0,1 - < 1    |
| Methyl 1,2,2,6,6-<br>pentamethylpiperidin-4-yl decanedi-<br>oate                                                              | 82919-37-7<br>01-2119491304-40  | Skin Sens. 1; H317<br>Repr. 2; H361f<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410                  | >= 0,1 - < 0,25 |
| Fatty acids, C18-unsaturated dimers,<br>reaction products with N,N-dimethyl-<br>1,3-propanediamine and 1,3-<br>propanediamine | 162627-17-0<br>01-2119970640-38 | Skin Sens. 1A;<br>H317                                                                                          | < 0,1           |
| Substances with a workplace exposure limit :                                                                                  |                                 |                                                                                                                 |                 |
| silica gel (Amorphous and Dust)                                                                                               | 112926-00-8<br>01-2119379499-16 |                                                                                                                 | >= 1 - < 10     |

For explanation of abbreviations see section 16.

**SAFETY DATA SHEET**

REACH Regulation (EC) No 1907/2006

**Durodur 3052-13047MX Clear semi glossy**

|         |                |              |                                 |
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**SECTION 4: First aid measures****4.1 Description of first aid measures**

- |                         |   |                                                                                                                                                                                                                       |
|-------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice          | : | Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.                                                                                        |
| If inhaled              | : | If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.                                                                                                         |
| In case of skin contact | : | If skin irritation persists, call a physician.<br>If on skin, rinse well with water.<br>If on clothes, remove clothes.                                                                                                |
| In case of eye contact  | : | Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.                                   |
| If swallowed            | : | Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Take victim immediately to hospital. |

**4.2 Most important symptoms and effects, both acute and delayed**

- |       |   |                                                                                                                               |
|-------|---|-------------------------------------------------------------------------------------------------------------------------------|
| Risks | : | Causes serious eye irritation.<br>May cause drowsiness or dizziness.<br>Repeated exposure may cause skin dryness or cracking. |
|-------|---|-------------------------------------------------------------------------------------------------------------------------------|

**4.3 Indication of any immediate medical attention and special treatment needed**

- |           |   |                           |
|-----------|---|---------------------------|
| Treatment | : | No information available. |
|-----------|---|---------------------------|

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- |                                |   |                                                                             |
|--------------------------------|---|-----------------------------------------------------------------------------|
| Suitable extinguishing media   | : | Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical |
| Unsuitable extinguishing media | : | High volume water jet                                                       |

**5.2 Special hazards arising from the substance or mixture**

- |                                       |   |                                                                           |
|---------------------------------------|---|---------------------------------------------------------------------------|
| Specific hazards during fire-fighting | : | Do not allow run-off from fire fighting to enter drains or water courses. |
| Hazardous combustion prod-            | : | No hazardous combustion products are known                                |

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**5.3 Advice for firefighters**

Special protective equipment : In the event of fire, wear self-contained breathing apparatus. for firefighters

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**6.4 Reference to other sections**

Not applicable

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Advice on safe handling : Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms.

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- Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.
- Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

**7.2 Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Protect against freezing.
- Further information on storage stability : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

- Specific use(s) : No information available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational Exposure Limits**

| Components                                                                                                                                                                   | CAS-No.   | Value type (Form of exposure) | Control parameters               | Basis            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------|----------------------------------|------------------|
| Butyl acetate                                                                                                                                                                | 123-86-4  | TWA                           | 150 ppm<br>724 mg/m <sup>3</sup> | GB EH40          |
|                                                                                                                                                                              |           | STEL                          | 200 ppm<br>966 mg/m <sup>3</sup> | GB EH40          |
|                                                                                                                                                                              |           | TWA                           | 50 ppm<br>241 mg/m <sup>3</sup>  | 2019/1831/E<br>U |
| Further information: Indicative                                                                                                                                              |           |                               |                                  |                  |
|                                                                                                                                                                              |           | STEL                          | 150 ppm<br>723 mg/m <sup>3</sup> | 2019/1831/E<br>U |
| Further information: Indicative                                                                                                                                              |           |                               |                                  |                  |
| Xylene                                                                                                                                                                       | 1330-20-7 | TWA                           | 50 ppm<br>220 mg/m <sup>3</sup>  | GB EH40          |
| Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |           |                               |                                  |                  |
|                                                                                                                                                                              |           | STEL                          | 100 ppm                          | GB EH40          |

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|                                 |                                                                                                                                                                              |                       |                       |             |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------|
|                                 |                                                                                                                                                                              |                       | 441 mg/m3             |             |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                       |                       |             |
|                                 |                                                                                                                                                                              | TWA                   | 50 ppm<br>221 mg/m3   | 2000/39/EC  |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |                       |                       |             |
|                                 |                                                                                                                                                                              | STEL                  | 100 ppm<br>442 mg/m3  | 2000/39/EC  |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |                       |                       |             |
| 2-Propanol, 1-methoxy-, acetate | 108-65-6                                                                                                                                                                     | TWA                   | 50 ppm<br>274 mg/m3   | GB EH40     |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                       |                       |             |
|                                 |                                                                                                                                                                              | STEL                  | 100 ppm<br>548 mg/m3  | GB EH40     |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                       |                       |             |
|                                 |                                                                                                                                                                              | TWA                   | 50 ppm<br>275 mg/m3   | 2000/39/EC  |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |                       |                       |             |
|                                 |                                                                                                                                                                              | STEL                  | 100 ppm<br>550 mg/m3  | 2000/39/EC  |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |                       |                       |             |
| silica gel (Amorphous and Dust) | 112926-00-8                                                                                                                                                                  | TWA (inhalable dust)  | 6 mg/m3 (Silica)      | GB EH40     |
|                                 |                                                                                                                                                                              | TWA (Respirable dust) | 2,4 mg/m3 (Silica)    | GB EH40     |
| Diacetone alcohol               | 123-42-2                                                                                                                                                                     | TWA                   | 50 ppm<br>241 mg/m3   | GB EH40     |
|                                 |                                                                                                                                                                              | STEL                  | 75 ppm<br>362 mg/m3   | GB EH40     |
| 2-(2-Butoxyethoxy)ethanol       | 112-34-5                                                                                                                                                                     | TWA                   | 10 ppm<br>67,5 mg/m3  | GB EH40     |
|                                 |                                                                                                                                                                              | STEL                  | 15 ppm<br>101,2 mg/m3 | GB EH40     |
|                                 |                                                                                                                                                                              | TWA                   | 10 ppm<br>67,5 mg/m3  | 2006/15/EC  |
|                                 | Further information: Indicative                                                                                                                                              |                       |                       |             |
|                                 |                                                                                                                                                                              | STEL                  | 15 ppm<br>101,2 mg/m3 | 2006/15/EC  |
|                                 | Further information: Indicative                                                                                                                                              |                       |                       |             |
| Methyl methacrylate             | 80-62-6                                                                                                                                                                      | TWA                   | 50 ppm<br>208 mg/m3   | GB EH40     |
|                                 |                                                                                                                                                                              | STEL                  | 100 ppm<br>416 mg/m3  | GB EH40     |
|                                 |                                                                                                                                                                              | TWA                   | 50 ppm                | 2009/161/EU |

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|  |                                 |         |             |
|--|---------------------------------|---------|-------------|
|  | Further information: Indicative |         |             |
|  | STEL                            | 100 ppm | 2009/161/EU |
|  | Further information: Indicative |         |             |

**Biological occupational exposure limits**

| Substance name | CAS-No.   | Control parameters                                               | Sampling time | Basis       |
|----------------|-----------|------------------------------------------------------------------|---------------|-------------|
| Xylene         | 1330-20-7 | methyl hippuric acid: 650 Millimoles per mole creatinine (Urine) | After shift   | GB EH40 BAT |

**8.2 Exposure controls****Personal protective equipment**

Eye/face protection : Eye wash bottle with pure water  
 Tightly fitting safety goggles

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Impervious clothing  
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance : liquid  
 Colour : colourless  
 pH : substance/mixture is non-soluble (in water)

Boiling point/boiling range : > 36 °C  
 Flash point : 31 °C

Evaporation rate : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : < 1.000 hPa (50 °C)

Relative vapour density : No data available

Density : 0,977 g/cm<sup>3</sup> (23 °C)

Solubility(ies)  
 Water solubility : partly soluble  
 Partition coefficient: n-octanol/water : No data available

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Auto-ignition temperature : No data available

Decomposition temperature : Not applicable

Viscosity  
Viscosity, kinematic : > 20,6 mm<sup>2</sup>/s (40 °C)

Flow time : 20 s  
Cross section: 4 mm  
Method: DIN 53211

Explosive properties : No data available

Oxidizing properties : No data available

**9.2 Other information**

Self-ignition : No data available

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : No dangerous reaction known under conditions of normal use.

No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

**10.4 Conditions to avoid**

Conditions to avoid : Heat, flames and sparks.

**10.5 Incompatible materials**

Materials to avoid : Strong oxidizing agents

**10.6 Hazardous decomposition products**

Stable under recommended storage conditions.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

Not classified based on available information.

**Product:**

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Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
 Exposure time: 4 h  
 Test atmosphere: vapour  
 Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg  
 Method: Calculation method

**Skin corrosion/irritation**

Repeated exposure may cause skin dryness or cracking.

**Product:**

Remarks : May cause skin irritation and/or dermatitis.

**Components:**

**[3-[3-(2H-Benzotriazol-2yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl):**

Species : Rabbit  
 Method : OECD Test Guideline 404  
 Result : No skin irritation

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Product:**

Remarks : Vapours may cause irritation to the eyes, respiratory system and the skin.

**Components:**

**[3-[3-(2H-Benzotriazol-2yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl):**

Species : Rabbit  
 Method : OECD Test Guideline 405  
 Result : No eye irritation

**Respiratory or skin sensitisation****Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Product:**

Remarks : Causes sensitisation.

**Components:**

**[3-[3-(2H-Benzotriazol-2yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl):**

Test Type : Maximisation Test

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|                 |   |                         |
|-----------------|---|-------------------------|
| Exposure routes | : | Skin contact            |
| Species         | : | Guinea pig              |
| Method          | : | OECD Test Guideline 406 |
| Result          | : | Causes sensitisation.   |

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information****Product:**

Remarks : Solvents may degrease the skin.

**SECTION 12: Ecological information****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment****Product:**

|            |   |                                                                                                                                                                                                    |
|------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assessment | : | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |
|------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**12.6 Other adverse effects****Product:**

|                                |   |                                                                                                                   |
|--------------------------------|---|-------------------------------------------------------------------------------------------------------------------|
| Endocrine disrupting potential | : | The substance/mixture does not contain components considered to have endocrine disrupting properties according to |
|--------------------------------|---|-------------------------------------------------------------------------------------------------------------------|

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Additional ecological information : REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Harmful to aquatic life with long lasting effects.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

**SECTION 14: Transport information****14.1 UN number**

ADN : UN 1263

ADR : UN 1263

RID : UN 1263

IMDG : UN 1263

IATA : UN 1263

**14.2 UN proper shipping name**

ADN : PAINT

ADR : PAINT

RID : PAINT

IMDG : PAINT

IATA : PAINT

**14.3 Transport hazard class(es)**

|      | Class | Subsidiary risks |
|------|-------|------------------|
| ADN  | : 3   |                  |
| ADR  | : 3   |                  |
| RID  | : 3   |                  |
| IMDG | : 3   |                  |

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**IATA** : 3

**14.4 Packing group****ADN**

Packing group : III  
 Classification Code : F1  
 Hazard Identification Number : 30  
 Labels : 3

**ADR**

Packing group : III  
 Classification Code : F1  
 Hazard Identification Number : 30  
 Labels : 3  
 Tunnel restriction code : (D/E)

**RID**

Packing group : III  
 Classification Code : F1  
 Hazard Identification Number : 30  
 Labels : 3

**IMDG**

Packing group : III  
 Labels : 3  
 EmS Code : F-E, S-E

**IATA (Cargo)**

Packing instruction (cargo aircraft) : 366  
 Packing instruction (LQ) : Y344  
 Packing group : III  
 Labels : Flammable Liquids

**IATA (Passenger)**

Packing instruction (passenger aircraft) : 355  
 Packing instruction (LQ) : Y344  
 Packing group : III  
 Labels : Flammable Liquids

**14.5 Environmental hazards****ADN**

Environmentally hazardous : no

**ADR**

Environmentally hazardous : no

**RID**

Environmentally hazardous : no

**IMDG**

Marine pollutant : no

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable for product as supplied.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Relevant EU provisions transposed through retained EU law

|                                                                                       |   |                |
|---------------------------------------------------------------------------------------|---|----------------|
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer               | : | Not applicable |
| UK REACH List of substances subject to authorisation (Annex XIV)                      | : | Not applicable |
| GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation | : | Not applicable |

Volatile organic compounds :

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)

Volatile organic compounds (VOC) content: 66,95 %, 652,76 g/l

Volatile CMR compounds: 0,01 %

**15.2 Chemical safety assessment**

A Chemical Safety Assessment is not required for this substance.

**SECTION 16: Other information****Full text of H-Statements**

|       |   |                                                       |
|-------|---|-------------------------------------------------------|
| H225  | : | Highly flammable liquid and vapour.                   |
| H226  | : | Flammable liquid and vapour.                          |
| H304  | : | May be fatal if swallowed and enters airways.         |
| H312  | : | Harmful in contact with skin.                         |
| H315  | : | Causes skin irritation.                               |
| H317  | : | May cause an allergic skin reaction.                  |
| H319  | : | Causes serious eye irritation.                        |
| H332  | : | Harmful if inhaled.                                   |
| H335  | : | May cause respiratory irritation.                     |
| H336  | : | May cause drowsiness or dizziness.                    |
| H361f | : | Suspected of damaging fertility.                      |
| H400  | : | Very toxic to aquatic life.                           |
| H410  | : | Very toxic to aquatic life with long lasting effects. |
| H411  | : | Toxic to aquatic life with long lasting effects.      |

**Full text of other abbreviations**

|                 |   |                                    |
|-----------------|---|------------------------------------|
| Acute Tox.      | : | Acute toxicity                     |
| Aquatic Acute   | : | Short-term (acute) aquatic hazard  |
| Aquatic Chronic | : | Long-term (chronic) aquatic hazard |
| Asp. Tox.       | : | Aspiration hazard                  |
| Eye Irrit.      | : | Eye irritation                     |
| Flam. Liq.      | : | Flammable liquids                  |
| Repr.           | : | Reproductive toxicity              |
| Skin Irrit.     | : | Skin irritation                    |

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|                     |   |                                                                                                                                                                                                                  |
|---------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin Sens.          | : | Skin sensitisation                                                                                                                                                                                               |
| STOT RE             | : | Specific target organ toxicity - repeated exposure                                                                                                                                                               |
| STOT SE             | : | Specific target organ toxicity - single exposure                                                                                                                                                                 |
| 2000/39/EC          | : | Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values                                                                                               |
| 2006/15/EC          | : | Europe. Indicative occupational exposure limit values                                                                                                                                                            |
| 2009/161/EU         | : | Europe. COMMISSION DIRECTIVE 2009/161/EU establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC |
| 2019/1831/EU        | : | Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values                                                                                             |
| GB EH40             | : | UK. EH40 WEL - Workplace Exposure Limits                                                                                                                                                                         |
| GB EH40 BAT         | : | UK. Biological monitoring guidance values                                                                                                                                                                        |
| 2000/39/EC / TWA    | : | Limit Value - eight hours                                                                                                                                                                                        |
| 2000/39/EC / STEL   | : | Short term exposure limit                                                                                                                                                                                        |
| 2006/15/EC / TWA    | : | Limit Value - eight hours                                                                                                                                                                                        |
| 2006/15/EC / STEL   | : | Short term exposure limit                                                                                                                                                                                        |
| 2009/161/EU / TWA   | : | Limit Value - eight hours                                                                                                                                                                                        |
| 2009/161/EU / STEL  | : | Short term exposure limit                                                                                                                                                                                        |
| 2019/1831/EU / TWA  | : | Limit Value - eight hours                                                                                                                                                                                        |
| 2019/1831/EU / STEL | : | Short term exposure limit                                                                                                                                                                                        |
| GB EH40 / TWA       | : | Long-term exposure limit (8-hour TWA reference period)                                                                                                                                                           |
| GB EH40 / STEL      | : | Short-term exposure limit (15-minute reference period)                                                                                                                                                           |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN

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**Durodur 3052-13047MX Clear semi glossy**

|         |                |              |                                 |
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| 1.7     | 06.08.2024     | 102000072821 | Date of first issue: 30.11.2018 |

- United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further information****Classification of the mixture:**

|                   |      |
|-------------------|------|
| Flam. Liq. 3      | H226 |
| Eye Irrit. 2      | H319 |
| STOT SE 3         | H336 |
| Aquatic Chronic 3 | H412 |

**Classification procedure:**

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN

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**Durodur 3054-14098NC Dark chrome HG  
L-RN4**

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 14.10.2022  |
| 1.8     | 06.08.2024     | 102000074441 | Date of first issue: 14.09.2017 |

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1 Product identifier**

Trade name : Durodur 3054-14098NC Dark chrome HG L-RN4

Identification of the article : 2032224

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the Sub-stance/Mixture : Industrial paint

Recommended restrictions on use : For professional users only.

**1.3 Details of the supplier of the safety data sheet**

Company : Mäder Germany GmbH  
Reinhard-Reichnow-Strasse 4  
DE - 96129 STRULLENDORF

Telephone : +49 (0) 9543 / 65-0

Telefax : +49 (0) 9543 / 65-66

E-mail address of person responsible for the SDS : info.strullendorf@mader-group.com

**1.4 Emergency telephone number**

Emergency telephone number : Phone : +49 (0) 9543/65-0

**SECTION 2: Hazards identification**
**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

|                                                                                      |                                                          |
|--------------------------------------------------------------------------------------|----------------------------------------------------------|
| Flammable liquids, Category 3                                                        | H226: Flammable liquid and vapour.                       |
| Skin sensitisation, Category 1                                                       | H317: May cause an allergic skin reaction.               |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness.                 |
| Long-term (chronic) aquatic hazard, Category 3                                       | H412: Harmful to aquatic life with long lasting effects. |

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

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Hazard pictograms

:



Signal word

:

Warning

Hazard statements

:

|      |                                                    |
|------|----------------------------------------------------|
| H226 | Flammable liquid and vapour.                       |
| H317 | May cause an allergic skin reaction.               |
| H336 | May cause drowsiness or dizziness.                 |
| H412 | Harmful to aquatic life with long lasting effects. |

Supplemental Hazard Statements

:

|        |                                                       |
|--------|-------------------------------------------------------|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|-------------------------------------------------------|

Precautionary statements

:

**Prevention:**

|      |                                                                                                   |
|------|---------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.    |
| P261 | Avoid breathing mist or vapours.                                                                  |
| P273 | Avoid release to the environment.                                                                 |
| P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection. |

**Response:**

|                    |                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------|
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. |
| P370 + P378        | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.         |

Hazardous components which must be listed on the label:

Butyl acetate

[3-[3-(2H-Benzotriazol-2yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-

hydroxypoly(oxo-1,2-ethanediyl

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-

pentamethyl-4-piperidyl sebacate

E96096

Methyl methacrylate

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Chemical nature : Industrial paint

**Components**

| Chemical name | CAS-No. | Classification | Concentration |
|---------------|---------|----------------|---------------|
|---------------|---------|----------------|---------------|

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**Durodur 3054-14098NC Dark chrome HG L-RN4**

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 Date of first issue: 14.09.2017

|                                                                                                                        | EC-No.<br>Index-No.<br>Registration number    |                                                                                                                                                                                 | (% w/w)       |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Butyl acetate                                                                                                          | 123-86-4<br>01-2119485493-29                  | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)                                                                                                               | >= 30 - < 50  |
| 2-(2-Butoxyethoxy)ethanol                                                                                              | 112-34-5<br>01-2119475104-44                  | Eye Irrit. 2; H319                                                                                                                                                              | >= 1 - < 10   |
| Xylene                                                                                                                 | 1330-20-7<br>01-2119488216-32                 | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315                                                                                           | >= 1 - < 10   |
| Diacetone alcohol                                                                                                      | 123-42-2<br>01-2119473975-21                  | Eye Irrit. 2; H319<br><br>specific concentration limit<br>Eye Irrit. 2; H319<br>>= 10,000000 %                                                                                  | >= 1 - < 10   |
| [3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl)       | 104810-48-2<br>01-0000015075-76               | Skin Sens. 1A; H317<br>Aquatic Chronic 2; H411                                                                                                                                  | >= 0,25 - < 1 |
| Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | 1065336-91-5<br>01-2119491304-40              | Skin Sens. 1A; H317<br>Repr. 2; H361f<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br><br>M-Factor (Acute aquatic toxicity): 1<br>M-Factor (Chronic aquatic toxicity): 1 | >= 0,25 - < 1 |
| E96096                                                                                                                 | Not Assigned<br>434-430-9<br>01-0000018057-71 | Skin Sens. 1B; H317<br>Aquatic Chronic 4; H413<br>Skin Sens. 1; H317<br>STOT RE 2; H373<br>Aquatic Chronic 4; H413                                                              | >= 0,25 - < 1 |
| Methyl methacrylate                                                                                                    | 80-62-6<br>01-2119452498-28                   | Flam. Liq. 2; H225<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>STOT SE 3; H335<br>(Respiratory system)                                                                      | >= 0,1 - < 1  |
| Substances with a workplace exposure limit :                                                                           |                                               |                                                                                                                                                                                 |               |
| 2-Propanol, 1-methoxy-, acetate                                                                                        | 108-65-6                                      | Flam. Liq. 3; H226                                                                                                                                                              | >= 1 - < 10   |

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L-RN4**

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|                  |
|------------------|
| 01-2119475791-29 |
|------------------|

For explanation of abbreviations see section 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures**

- |                         |   |                                                                                                                                                                                                                       |
|-------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice          | : | Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.                                                                                        |
| If inhaled              | : | If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.                                                                                                         |
| In case of skin contact | : | If skin irritation persists, call a physician.<br>If on skin, rinse well with water.<br>If on clothes, remove clothes.                                                                                                |
| In case of eye contact  | : | Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.                                   |
| If swallowed            | : | Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Take victim immediately to hospital. |

**4.2 Most important symptoms and effects, both acute and delayed**

- |       |   |                                                                                                                                                                                                                                                                          |
|-------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Risks | : | Causes serious eye irritation.<br>May cause drowsiness or dizziness.<br>Repeated exposure may cause skin dryness or cracking.<br><br>May cause an allergic skin reaction.<br>May cause drowsiness or dizziness.<br>Repeated exposure may cause skin dryness or cracking. |
|-------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**4.3 Indication of any immediate medical attention and special treatment needed**

- |           |   |                           |
|-----------|---|---------------------------|
| Treatment | : | No information available. |
|-----------|---|---------------------------|

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- |                              |   |                                                                             |
|------------------------------|---|-----------------------------------------------------------------------------|
| Suitable extinguishing media | : | Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical |
|------------------------------|---|-----------------------------------------------------------------------------|

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Unsuitable extinguishing media : High volume water jet

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

**5.3 Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

**SECTION 6: Accidental release measures**
**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**6.4 Reference to other sections**

Not applicable

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**SECTION 7: Handling and storage**
**7.1 Precautions for safe handling**

- Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.
- Hygiene measures : When using do not eat or drink. When using do not smoke.  
Wash hands before breaks and at the end of workday.

**7.2 Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage stability : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**
**SECTION 8: Exposure controls/personal protection**
**8.1 Control parameters**
**Occupational Exposure Limits**

| Components                      | CAS-No.  | Value type (Form of exposure) | Control parameters               | Basis        |
|---------------------------------|----------|-------------------------------|----------------------------------|--------------|
| Butyl acetate                   | 123-86-4 | TWA                           | 150 ppm<br>724 mg/m <sup>3</sup> | GB EH40      |
|                                 |          | STEL                          | 200 ppm<br>966 mg/m <sup>3</sup> | GB EH40      |
|                                 |          | TWA                           | 50 ppm<br>241 mg/m <sup>3</sup>  | 2019/1831/EU |
| Further information: Indicative |          |                               |                                  |              |

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|                                 |                                                                                                                                                                              |      |                                   |              |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|--------------|
|                                 |                                                                                                                                                                              | STEL | 150 ppm<br>723 mg/m <sup>3</sup>  | 2019/1831/EU |
|                                 | Further information: Indicative                                                                                                                                              |      |                                   |              |
| 2-Propanol, 1-methoxy-, acetate | 108-65-6                                                                                                                                                                     | TWA  | 50 ppm<br>274 mg/m <sup>3</sup>   | GB EH40      |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |      |                                   |              |
|                                 |                                                                                                                                                                              | STEL | 100 ppm<br>548 mg/m <sup>3</sup>  | GB EH40      |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |      |                                   |              |
|                                 |                                                                                                                                                                              | TWA  | 50 ppm<br>275 mg/m <sup>3</sup>   | 2000/39/EC   |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |      |                                   |              |
|                                 |                                                                                                                                                                              | STEL | 100 ppm<br>550 mg/m <sup>3</sup>  | 2000/39/EC   |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |      |                                   |              |
| 2-(2-Butoxyethoxy)ethanol       | 112-34-5                                                                                                                                                                     | TWA  | 10 ppm<br>67,5 mg/m <sup>3</sup>  | GB EH40      |
|                                 |                                                                                                                                                                              | STEL | 15 ppm<br>101,2 mg/m <sup>3</sup> | GB EH40      |
|                                 |                                                                                                                                                                              | TWA  | 10 ppm<br>67,5 mg/m <sup>3</sup>  | 2006/15/EC   |
|                                 | Further information: Indicative                                                                                                                                              |      |                                   |              |
|                                 |                                                                                                                                                                              | STEL | 15 ppm<br>101,2 mg/m <sup>3</sup> | 2006/15/EC   |
|                                 | Further information: Indicative                                                                                                                                              |      |                                   |              |
| Xylene                          | 1330-20-7                                                                                                                                                                    | TWA  | 50 ppm<br>220 mg/m <sup>3</sup>   | GB EH40      |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |      |                                   |              |
|                                 |                                                                                                                                                                              | STEL | 100 ppm<br>441 mg/m <sup>3</sup>  | GB EH40      |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |      |                                   |              |
|                                 |                                                                                                                                                                              | TWA  | 50 ppm<br>221 mg/m <sup>3</sup>   | 2000/39/EC   |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |      |                                   |              |
|                                 |                                                                                                                                                                              | STEL | 100 ppm<br>442 mg/m <sup>3</sup>  | 2000/39/EC   |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |      |                                   |              |
| Diacetone alcohol               | 123-42-2                                                                                                                                                                     | TWA  | 50 ppm<br>241 mg/m <sup>3</sup>   | GB EH40      |
|                                 |                                                                                                                                                                              | STEL | 75 ppm                            | GB EH40      |

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|                                 |         |      |                      |             |
|---------------------------------|---------|------|----------------------|-------------|
|                                 |         |      | 362 mg/m3            |             |
| Methyl methacrylate             | 80-62-6 | TWA  | 50 ppm<br>208 mg/m3  | GB EH40     |
|                                 |         | STEL | 100 ppm<br>416 mg/m3 | GB EH40     |
|                                 |         | TWA  | 50 ppm               | 2009/161/EU |
| Further information: Indicative |         |      |                      |             |
|                                 |         | STEL | 100 ppm              | 2009/161/EU |
| Further information: Indicative |         |      |                      |             |

**Biological occupational exposure limits**

| Substance name | CAS-No.   | Control parameters                                               | Sampling time | Basis          |
|----------------|-----------|------------------------------------------------------------------|---------------|----------------|
| Xylene         | 1330-20-7 | methyl hippuric acid: 650 Millimoles per mole creatinine (Urine) | After shift   | GB EH40<br>BAT |

**8.2 Exposure controls****Personal protective equipment**

|                          |   |                                                                                                                                                                                                                       |
|--------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection      | : | Eye wash bottle with pure water<br>Tightly fitting safety goggles                                                                                                                                                     |
| Hand protection          | : |                                                                                                                                                                                                                       |
| Material                 | : | Nitrile rubber                                                                                                                                                                                                        |
| Break through time       | : | < 10 min                                                                                                                                                                                                              |
| Glove thickness          | : | > 0,4 mm                                                                                                                                                                                                              |
| Remarks                  | : | Please notice: the chemical resistance of a glove can be lower as the breakthrough times because of many conditions (abrasion, temperature, etc.). Please conduct your own risk assessment for your appropriate uses. |
| Skin and body protection | : | Not suitable gloves – non exhaustive list : Latex gloves.<br>Impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place.                    |
| Respiratory protection   | : | In the case of vapour formation use a respirator with an approved filter.                                                                                                                                             |

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

|                                                  |   |                                             |
|--------------------------------------------------|---|---------------------------------------------|
| Appearance                                       | : | liquid                                      |
| Colour                                           | : | black                                       |
| pH                                               | : | substance/mixture is non-soluble (in water) |
| Boiling point/boiling range                      | : | > 36 °C                                     |
| Flash point                                      | : | 26 °C                                       |
| Evaporation rate                                 | : | No data available                           |
| Upper explosion limit / Upper flammability limit | : | No data available                           |

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Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : < 1.000 hPa (50 °C)

Relative vapour density : No data available

Density : 0,981 g/cm<sup>3</sup> (23 °C)

Solubility(ies)

Water solubility : partly soluble

Partition coefficient: n-octanol/water : No data available

Decomposition temperature : Not applicable

Viscosity

Viscosity, kinematic : > 20,6 mm<sup>2</sup>/s (40 °C)

Flow time : 32 s

Cross section: 4 mm

Method: DIN 53211

Explosive properties : No data available

Oxidizing properties : No data available

**9.2 Other information**

Self-ignition : No data available

---

**SECTION 10: Stability and reactivity**
**10.1 Reactivity**

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : No dangerous reaction known under conditions of normal use.

No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

**10.4 Conditions to avoid**

Conditions to avoid : Heat, flames and sparks.

**10.5 Incompatible materials**

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Materials to avoid : Strong oxidizing agents

**10.6 Hazardous decomposition products**

Stable under recommended storage conditions.  
No hazardous decomposition products are known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

Not classified based on available information.  
Not classified due to lack of data.

**Product:**

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg  
Method: Calculation method

**Skin corrosion/irritation**

Repeated exposure may cause skin dryness or cracking.  
Repeated exposure may cause skin dryness or cracking.

**Product:**

Remarks : May cause skin irritation and/or dermatitis.

**Components:**

**[3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl):**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

**Serious eye damage/eye irritation**

Causes serious eye irritation.  
Causes serious eye irritation.

**Product:**

Remarks : Vapours may cause irritation to the eyes, respiratory system and the skin.

**Components:**

**[3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl):**

Species : Rabbit

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Method : OECD Test Guideline 405  
Result : No eye irritation

**Respiratory or skin sensitisation****Skin sensitisation**

Not classified based on available information.

**Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified due to lack of data.

**Product:**

Remarks : Causes sensitisation.

**Components:**

**[3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl):**

Test Type : Maximisation Test  
Exposure routes : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Causes sensitisation.

**Germ cell mutagenicity**

Not classified based on available information.

Not classified due to lack of data.

**Carcinogenicity**

Not classified based on available information.

Not classified due to lack of data.

**Reproductive toxicity**

Not classified based on available information.

Not classified due to lack of data.

**STOT - single exposure**

May cause drowsiness or dizziness.

May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified based on available information.

Not classified due to lack of data.

**Aspiration toxicity**

Not classified based on available information.

Not classified due to lack of data.

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**Further information****Product:**

Remarks : Solvents may degrease the skin.

**SECTION 12: Ecological information****12.1 Toxicity****Components:**

**Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:**

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment****Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects****Product:**

Endocrine disrupting potential : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

**Global warming potential**

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

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**Components:****2,2,4,4,6,6,8,8-Octamethylcyclotetrasiloxane:**

20-year global warming potential: 2,66  
 100-year global warming potential: 0,739  
 500-year global warming potential: 0,211  
 Atmospheric lifetime: 0,027 yr  
 Radiative efficiency: 0,12 Wm2ppb  
 Further information: Miscellaneous compounds

**2,2,4,4,6,6,8,8,10,10,12,12-Dodecamethylcyclohexasiloxane:**

20-year global warming potential: 0,51  
 100-year global warming potential: 0,142  
 500-year global warming potential: 0,04  
 Atmospheric lifetime: 0,011 yr  
 Radiative efficiency: 0,086 Wm2ppb  
 Further information: Miscellaneous compounds

**2,2,4,4,6,6,8,8,10,10-Decamethylcyclopentasiloxane:**

20-year global warming potential: 1,04  
 100-year global warming potential: 0,289  
 500-year global warming potential: 0,082  
 Atmospheric lifetime: 0,016 yr  
 Radiative efficiency: 0,098 Wm2ppb  
 Further information: Miscellaneous compounds

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

|                        |   |                                                                                                                                                                                                                  |
|------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                | : | The product should not be allowed to enter drains, water courses or the soil.<br>Do not contaminate ponds, waterways or ditches with chemical or used container.<br>Send to a licensed waste management company. |
| Contaminated packaging | : | Empty remaining contents.<br>Dispose of as unused product.<br>Do not re-use empty containers.<br>Do not burn, or use a cutting torch on, the empty drum.                                                         |

**SECTION 14: Transport information****14.1 UN number**

|      |   |         |
|------|---|---------|
| ADN  | : | UN 1263 |
| ADR  | : | UN 1263 |
| RID  | : | UN 1263 |
| IMDG | : | UN 1263 |
| IATA | : | UN 1263 |

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**14.2 UN proper shipping name**

|             |   |       |
|-------------|---|-------|
| <b>ADN</b>  | : | PAINT |
| <b>ADR</b>  | : | PAINT |
| <b>RID</b>  | : | PAINT |
| <b>IMDG</b> | : | PAINT |
| <b>IATA</b> | : | PAINT |

**14.3 Transport hazard class(es)**

|             | Class | Subsidiary risks |
|-------------|-------|------------------|
| <b>ADN</b>  | : 3   |                  |
| <b>ADR</b>  | : 3   |                  |
| <b>RID</b>  | : 3   |                  |
| <b>IMDG</b> | : 3   |                  |
| <b>IATA</b> | : 3   |                  |

**14.4 Packing group**

|                                          |                     |
|------------------------------------------|---------------------|
| <b>ADN</b>                               |                     |
| Packing group                            | : III               |
| Classification Code                      | : F1                |
| Hazard Identification Number             | : 30                |
| Labels                                   | : 3                 |
| <b>ADR</b>                               |                     |
| Packing group                            | : III               |
| Classification Code                      | : F1                |
| Hazard Identification Number             | : 30                |
| Labels                                   | : 3                 |
| Tunnel restriction code                  | : (D/E)             |
| <b>RID</b>                               |                     |
| Packing group                            | : III               |
| Classification Code                      | : F1                |
| Hazard Identification Number             | : 30                |
| Labels                                   | : 3                 |
| <b>IMDG</b>                              |                     |
| Packing group                            | : III               |
| Labels                                   | : 3                 |
| EmS Code                                 | : F-E, <u>S-E</u>   |
| <b>IATA (Cargo)</b>                      |                     |
| Packing instruction (cargo aircraft)     | : 366               |
| Packing instruction (LQ)                 | : Y344              |
| Packing group                            | : III               |
| Labels                                   | : Flammable Liquids |
| <b>IATA (Passenger)</b>                  |                     |
| Packing instruction (passenger aircraft) | : 355               |
| Packing instruction (LQ)                 | : Y344              |

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|               |   |                   |
|---------------|---|-------------------|
| Packing group | : | III               |
| Labels        | : | Flammable Liquids |

**14.5 Environmental hazards****ADN**

Environmentally hazardous : no

**ADR**

Environmentally hazardous : no

**RID**

Environmentally hazardous : no

**IMDG**

Marine pollutant : no

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable for product as supplied.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Relevant EU provisions transposed through retained EU law

|                                          |   |                                                                                               |
|------------------------------------------|---|-----------------------------------------------------------------------------------------------|
| UK REACH List of restrictions (Annex 17) | : | Conditions of restriction for the following entries should be considered:<br>Number on list 3 |
|------------------------------------------|---|-----------------------------------------------------------------------------------------------|

2-(2-Butoxyethoxy)ethanol (Number on list 55)

|                                                                                     |   |                |
|-------------------------------------------------------------------------------------|---|----------------|
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation | : | Not applicable |
|-------------------------------------------------------------------------------------|---|----------------|

|                                                                                                                 |   |                |
|-----------------------------------------------------------------------------------------------------------------|---|----------------|
| The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) | : | Not applicable |
|-----------------------------------------------------------------------------------------------------------------|---|----------------|

|                                                                         |   |                |
|-------------------------------------------------------------------------|---|----------------|
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer | : | Not applicable |
|-------------------------------------------------------------------------|---|----------------|

|                                                                  |   |                |
|------------------------------------------------------------------|---|----------------|
| UK REACH List of substances subject to authorisation (Annex XIV) | : | Not applicable |
|------------------------------------------------------------------|---|----------------|

|                                                                                       |   |                |
|---------------------------------------------------------------------------------------|---|----------------|
| GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation | : | Not applicable |
|---------------------------------------------------------------------------------------|---|----------------|

|                                                            |     |                   |
|------------------------------------------------------------|-----|-------------------|
| Control of Major Accident Hazards Regulations 2015 (COMAH) | P5c | FLAMMABLE LIQUIDS |
|------------------------------------------------------------|-----|-------------------|

|                            |   |                                                                                                                |
|----------------------------|---|----------------------------------------------------------------------------------------------------------------|
| Volatile organic compounds | : | Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) |
|----------------------------|---|----------------------------------------------------------------------------------------------------------------|

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Volatile organic compounds (VOC) content: 65,2 %, 639,61 g/l

**Other regulations:**

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

**15.2 Chemical safety assessment**

A Chemical Safety Assessment is not required for this substance.

**SECTION 16: Other information****Full text of H-Statements**

|       |                                                                      |
|-------|----------------------------------------------------------------------|
| H225  | : Highly flammable liquid and vapour.                                |
| H226  | : Flammable liquid and vapour.                                       |
| H312  | : Harmful in contact with skin.                                      |
| H315  | : Causes skin irritation.                                            |
| H317  | : May cause an allergic skin reaction.                               |
| H319  | : Causes serious eye irritation.                                     |
| H332  | : Harmful if inhaled.                                                |
| H335  | : May cause respiratory irritation.                                  |
| H336  | : May cause drowsiness or dizziness.                                 |
| H361f | : Suspected of damaging fertility.                                   |
| H373  | : May cause damage to organs through prolonged or repeated exposure. |
| H400  | : Very toxic to aquatic life.                                        |
| H410  | : Very toxic to aquatic life with long lasting effects.              |
| H411  | : Toxic to aquatic life with long lasting effects.                   |
| H413  | : May cause long lasting harmful effects to aquatic life.            |

**Full text of other abbreviations**

|                 |                                                                                                                                                                                                                    |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute Tox.      | : Acute toxicity                                                                                                                                                                                                   |
| Aquatic Acute   | : Short-term (acute) aquatic hazard                                                                                                                                                                                |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard                                                                                                                                                                               |
| Asp. Tox.       | : Aspiration hazard                                                                                                                                                                                                |
| Eye Irrit.      | : Eye irritation                                                                                                                                                                                                   |
| Flam. Liq.      | : Flammable liquids                                                                                                                                                                                                |
| Repr.           | : Reproductive toxicity                                                                                                                                                                                            |
| Skin Irrit.     | : Skin irritation                                                                                                                                                                                                  |
| Skin Sens.      | : Skin sensitisation                                                                                                                                                                                               |
| STOT RE         | : Specific target organ toxicity - repeated exposure                                                                                                                                                               |
| STOT SE         | : Specific target organ toxicity - single exposure                                                                                                                                                                 |
| 2000/39/EC      | : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values                                                                                               |
| 2006/15/EC      | : Europe. Indicative occupational exposure limit values                                                                                                                                                            |
| 2009/161/EU     | : Europe. COMMISSION DIRECTIVE 2009/161/EU establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC |
| 2019/1831/EU    | : Europe. Commission Directive 2019/1831/EU establishing a                                                                                                                                                         |

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fifth list of indicative occupational exposure limit values

|                     |   |                                                        |
|---------------------|---|--------------------------------------------------------|
| GB EH40             | : | UK. EH40 WEL - Workplace Exposure Limits               |
| GB EH40 BAT         | : | UK. Biological monitoring guidance values              |
| 2000/39/EC / TWA    | : | Limit Value - eight hours                              |
| 2000/39/EC / STEL   | : | Short term exposure limit                              |
| 2006/15/EC / TWA    | : | Limit Value - eight hours                              |
| 2006/15/EC / STEL   | : | Short term exposure limit                              |
| 2009/161/EU / TWA   | : | Limit Value - eight hours                              |
| 2009/161/EU / STEL  | : | Short term exposure limit                              |
| 2019/1831/EU / TWA  | : | Limit Value - eight hours                              |
| 2019/1831/EU / STEL | : | Short term exposure limit                              |
| GB EH40 / TWA       | : | Long-term exposure limit (8-hour TWA reference period) |
| GB EH40 / STEL      | : | Short-term exposure limit (15-minute reference period) |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TCI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further information****Classification of the mixture:**

|              |      |
|--------------|------|
| Flam. Liq. 3 | H226 |
| Skin Sens. 1 | H317 |
| STOT SE 3    | H336 |

**Classification procedure:**

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Calculation method                  |
| Calculation method                  |

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Aquatic Chronic 3

H412

Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN

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**Durodur 3054-16183NC/P Dark Chrome mat  
L-RU6**

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 13.10.2022  |
| 1.5     | 26.03.2025     | 102000073994 | Date of first issue: 09.07.2018 |

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1 Product identifier**

Trade name : Durodur 3054-16183NC/P Dark Chrome mat L-RU6

Identification of the article : 2032368

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the Sub-  
stance/Mixture : Industrial paint

Recommended restrictions  
on use : For professional users only.

**1.3 Details of the supplier of the safety data sheet**

Company : Mäder Germany GmbH  
Reinhard-Reichnow-Strasse 4  
DE - 96129 STRULLENDORF

Telephone : +49 (0) 9543 / 65-0

Telefax : +49 (0) 9543 / 65-66

E-mail address of person  
responsible for the SDS : info.strullendorf@mader-group.com

**1.4 Emergency telephone number**
**SECTION 2: Hazards identification**
**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK  
SI 2019/720, and UK SI 2020/1567)**

|                                                                                      |                                                          |
|--------------------------------------------------------------------------------------|----------------------------------------------------------|
| Flammable liquids, Category 3                                                        | H226: Flammable liquid and vapour.                       |
| Skin sensitisation, Category 1                                                       | H317: May cause an allergic skin reaction.               |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness.                 |
| Long-term (chronic) aquatic hazard, Category 3                                       | H412: Harmful to aquatic life with long lasting effects. |

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI  
2019/720, and UK SI 2020/1567)**

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**L-RU6**

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Hazard pictograms :



Signal word :

Warning

Hazard statements :

|      |                                                    |
|------|----------------------------------------------------|
| H226 | Flammable liquid and vapour.                       |
| H317 | May cause an allergic skin reaction.               |
| H336 | May cause drowsiness or dizziness.                 |
| H412 | Harmful to aquatic life with long lasting effects. |

Supplemental Hazard Statements :

|        |                                                       |
|--------|-------------------------------------------------------|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|-------------------------------------------------------|

Precautionary statements :

**Prevention:**

|      |                                                                                                   |
|------|---------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.    |
| P261 | Avoid breathing mist or vapours.                                                                  |
| P273 | Avoid release to the environment.                                                                 |
| P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection. |

**Response:**

|                    |                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------|
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. |
| P370 + P378        | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.         |

Hazardous components which must be listed on the label:

Butyl acetate

alpha-{3-[3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl]propanoyl}-omega-hydroxypoly(oxyethylene)

Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester

Methyl methacrylate

Fatty acids, C18-unsaturated dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

---

**SECTION 3: Composition/information on ingredients**
**3.2 Mixtures**

Chemical nature : Industrial paint

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**Components**

| Chemical name                                                                                             | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification                                                                                                                                                              | Concentration<br>(% w/w) |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Butyl acetate                                                                                             | 123-86-4<br>01-2119485493-29                          | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)                                                                                                           | >= 30 - < 50             |
| Xylene                                                                                                    | 1330-20-7<br>01-2119488216-32                         | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315                                                                                       | >= 1 - < 10              |
| 2-(2-Butoxyethoxy)ethanol                                                                                 | 112-34-5<br>01-2119475104-44                          | Eye Irrit. 2; H319                                                                                                                                                          | >= 1 - < 10              |
| Ethyl acetate                                                                                             | 141-78-6<br>01-2119475103-46                          | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336<br>(Central nervous system)                                                                                     | >= 1 - < 10              |
| Residual oil from production of re-formed gasoline                                                        | 64742-94-5<br>01-2119510128-50                        | Asp. Tox. 1; H304                                                                                                                                                           | >= 1 - < 10              |
| Diacetone alcohol                                                                                         | 123-42-2<br>01-2119473975-21                          | Eye Irrit. 2; H319<br>specific concentration limit<br>Eye Irrit. 2; H319<br>>= 10,000000 %                                                                                  | >= 1 - < 10              |
| alpha-{3-[3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl]propanoyl}-omega-hydroxypoly(oxyethylene) | 104810-48-2<br>01-0000015075-76                       | Skin Sens. 1A; H317<br>Aquatic Chronic 2; H411                                                                                                                              | >= 0,25 - < 1            |
| Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester                                           | 41556-26-7<br>01-2119491304-40                        | Skin Sens. 1A; H317<br>Repr. 2; H361f<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br>M-Factor (Acute aquatic toxicity): 1<br>M-Factor (Chronic aquatic toxicity): 1 | >= 0,25 - < 1            |
| Methyl methacrylate                                                                                       | 80-62-6<br>01-2119452498-28                           | Flam. Liq. 2; H225<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>STOT SE 3; H335<br>(Respiratory sys-                                                                     | >= 0,1 - < 1             |

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|                                                                                                                    |                                 |                                |             |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|-------------|
| Fatty acids, C18-unsaturated dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine | 162627-17-0<br>01-2119970640-38 | tem)<br>Skin Sens. 1A;<br>H317 | < 0,1       |
| Substances with a workplace exposure limit :                                                                       |                                 |                                |             |
| 2-Propanol, 1-methoxy-, acetate                                                                                    | 108-65-6<br>01-2119475791-29    | Flam. Liq. 3; H226             | >= 1 - < 10 |
| Barium sulfate                                                                                                     | 7727-43-7<br>01-2119491274-35   |                                | >= 1 - < 10 |
| silica gel (Amorphous and Dust)                                                                                    | 112926-00-8<br>01-2119379499-16 |                                | >= 1 - < 10 |

For explanation of abbreviations see section 16.

---

**SECTION 4: First aid measures**
**4.1 Description of first aid measures**

- |                         |   |                                                                                                                                                                                                                       |
|-------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice          | : | Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.                                                                                        |
| If inhaled              | : | If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.                                                                                                         |
| In case of skin contact | : | If skin irritation persists, call a physician.<br>If on skin, rinse well with water.<br>If on clothes, remove clothes.                                                                                                |
| In case of eye contact  | : | Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.                                   |
| If swallowed            | : | Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Take victim immediately to hospital. |

**4.2 Most important symptoms and effects, both acute and delayed**

- |       |   |                                                                                                                                     |
|-------|---|-------------------------------------------------------------------------------------------------------------------------------------|
| Risks | : | May cause an allergic skin reaction.<br>May cause drowsiness or dizziness.<br>Repeated exposure may cause skin dryness or cracking. |
|-------|---|-------------------------------------------------------------------------------------------------------------------------------------|

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**4.3 Indication of any immediate medical attention and special treatment needed**

Treatment : No information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

**5.3 Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
No conditions to be specially mentioned.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**6.4 Reference to other sections**

Not applicable

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : When using do not eat or drink. When using do not smoke.  
Wash hands before breaks and at the end of workday.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

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**7.3 Specific end use(s)****SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational Exposure Limits**

| Components                      | CAS-No.                                                                                                                                                                      | Value type (Form of exposure) | Control parameters               | Basis            |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------|------------------|
| Butyl acetate                   | 123-86-4                                                                                                                                                                     | TWA                           | 150 ppm<br>724 mg/m <sup>3</sup> | GB EH40          |
|                                 |                                                                                                                                                                              | STEL                          | 200 ppm<br>966 mg/m <sup>3</sup> | GB EH40          |
|                                 |                                                                                                                                                                              | TWA                           | 50 ppm<br>241 mg/m <sup>3</sup>  | 2019/1831/E<br>U |
|                                 | Further information: Indicative                                                                                                                                              |                               |                                  |                  |
|                                 |                                                                                                                                                                              | STEL                          | 150 ppm<br>723 mg/m <sup>3</sup> | 2019/1831/E<br>U |
|                                 | Further information: Indicative                                                                                                                                              |                               |                                  |                  |
| 2-Propanol, 1-methoxy-, acetate | 108-65-6                                                                                                                                                                     | TWA                           | 50 ppm<br>274 mg/m <sup>3</sup>  | GB EH40          |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                               |                                  |                  |
|                                 |                                                                                                                                                                              | STEL                          | 100 ppm<br>548 mg/m <sup>3</sup> | GB EH40          |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                               |                                  |                  |
|                                 |                                                                                                                                                                              | TWA                           | 50 ppm<br>275 mg/m <sup>3</sup>  | 2000/39/EC       |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |                               |                                  |                  |
|                                 |                                                                                                                                                                              | STEL                          | 100 ppm<br>550 mg/m <sup>3</sup> | 2000/39/EC       |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |                               |                                  |                  |
| Xylene                          | 1330-20-7                                                                                                                                                                    | TWA                           | 50 ppm<br>220 mg/m <sup>3</sup>  | GB EH40          |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                               |                                  |                  |
|                                 |                                                                                                                                                                              | STEL                          | 100 ppm<br>441 mg/m <sup>3</sup> | GB EH40          |
|                                 | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                               |                                  |                  |
|                                 |                                                                                                                                                                              | TWA                           | 50 ppm<br>221 mg/m <sup>3</sup>  | 2000/39/EC       |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |                               |                                  |                  |

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|                                 |                                                                                                    |                       |                                    |             |
|---------------------------------|----------------------------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------|
|                                 |                                                                                                    | STEL                  | 100 ppm<br>442 mg/m <sup>3</sup>   | 2000/39/EC  |
|                                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative |                       |                                    |             |
| 2-(2-Butoxyethoxy)ethanol       | 112-34-5                                                                                           | TWA                   | 10 ppm<br>67,5 mg/m <sup>3</sup>   | GB EH40     |
|                                 |                                                                                                    | STEL                  | 15 ppm<br>101,2 mg/m <sup>3</sup>  | GB EH40     |
|                                 |                                                                                                    | TWA                   | 10 ppm<br>67,5 mg/m <sup>3</sup>   | 2006/15/EC  |
|                                 | Further information: Indicative                                                                    |                       |                                    |             |
|                                 |                                                                                                    | STEL                  | 15 ppm<br>101,2 mg/m <sup>3</sup>  | 2006/15/EC  |
|                                 | Further information: Indicative                                                                    |                       |                                    |             |
| Barium sulfate                  | 7727-43-7                                                                                          | TWA (inhalable dust)  | 10 mg/m <sup>3</sup>               | GB EH40     |
|                                 |                                                                                                    | TWA (Respirable dust) | 4 mg/m <sup>3</sup>                | GB EH40     |
| Ethyl acetate                   | 141-78-6                                                                                           | TWA                   | 200 ppm<br>734 mg/m <sup>3</sup>   | GB EH40     |
|                                 |                                                                                                    | STEL                  | 400 ppm<br>1.468 mg/m <sup>3</sup> | GB EH40     |
|                                 |                                                                                                    | TWA                   | 200 ppm<br>734 mg/m <sup>3</sup>   | 2017/164/EU |
|                                 | Further information: Indicative                                                                    |                       |                                    |             |
|                                 |                                                                                                    | STEL                  | 400 ppm<br>1.468 mg/m <sup>3</sup> | 2017/164/EU |
|                                 | Further information: Indicative                                                                    |                       |                                    |             |
| silica gel (Amorphous and Dust) | 112926-00-8                                                                                        | TWA (inhalable dust)  | 6 mg/m <sup>3</sup><br>(Silica)    | GB EH40     |
|                                 |                                                                                                    | TWA (Respirable dust) | 2,4 mg/m <sup>3</sup><br>(Silica)  | GB EH40     |
| Diacetone alcohol               | 123-42-2                                                                                           | TWA                   | 50 ppm<br>241 mg/m <sup>3</sup>    | GB EH40     |
|                                 |                                                                                                    | STEL                  | 75 ppm<br>362 mg/m <sup>3</sup>    | GB EH40     |
| Methyl methacrylate             | 80-62-6                                                                                            | TWA                   | 50 ppm<br>208 mg/m <sup>3</sup>    | GB EH40     |
|                                 |                                                                                                    | STEL                  | 100 ppm<br>416 mg/m <sup>3</sup>   | GB EH40     |
|                                 |                                                                                                    | TWA                   | 50 ppm                             | 2009/161/EU |
|                                 | Further information: Indicative                                                                    |                       |                                    |             |
|                                 |                                                                                                    | STEL                  | 100 ppm                            | 2009/161/EU |
|                                 | Further information: Indicative                                                                    |                       |                                    |             |

**Biological occupational exposure limits**

| Substance name | CAS-No.   | Control parameters                                       | Sampling time | Basis          |
|----------------|-----------|----------------------------------------------------------|---------------|----------------|
| Xylene         | 1330-20-7 | methyl hippuric acid: 650 Millimoles per mole creatinine | After shift   | GB EH40<br>BAT |

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|  |  |         |  |  |
|--|--|---------|--|--|
|  |  | (Urine) |  |  |
|--|--|---------|--|--|

**Derived No Effect Level (DNEL)**

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|----------------|---------|-----------------|--------------------------|-------|
|----------------|---------|-----------------|--------------------------|-------|

**Predicted No Effect Concentration (PNEC)**

| Substance name | Environmental Compartment | Value |
|----------------|---------------------------|-------|
|----------------|---------------------------|-------|

**8.2 Exposure controls****Personal protective equipment**

|                          |   |                                                                                                                                                                                                                       |
|--------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection      | : | Eye wash bottle with pure water<br>Tightly fitting safety goggles                                                                                                                                                     |
| Hand protection          | : |                                                                                                                                                                                                                       |
| Material                 | : | Nitrile rubber                                                                                                                                                                                                        |
| Break through time       | : | < 10 min                                                                                                                                                                                                              |
| Glove thickness          | : | > 0,4 mm                                                                                                                                                                                                              |
| Remarks                  | : | Please notice: the chemical resistance of a glove can be lower as the breakthrough times because of many conditions (abrasion, temperature, etc.). Please conduct your own risk assessment for your appropriate uses. |
| Skin and body protection | : | Not suitable gloves – non exhaustive list : Latex gloves.<br>Impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place.                    |
| Respiratory protection   | : | In the case of vapour formation use a respirator with an approved filter.                                                                                                                                             |

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

|                                                  |   |                                             |
|--------------------------------------------------|---|---------------------------------------------|
| Appearance                                       | : | liquid                                      |
| Colour                                           | : | black                                       |
| pH                                               | : | substance/mixture is non-soluble (in water) |
| Melting point/ range                             | : | Not applicable                              |
| Boiling point/boiling range                      | : | > 36 °C                                     |
| Flash point                                      | : | 24 °C                                       |
| Evaporation rate                                 | : | No data available                           |
| Upper explosion limit / Upper flammability limit | : | No data available                           |
| Lower explosion limit / Lower flammability limit | : | No data available                           |
| Vapour pressure                                  | : | < 1.000 hPa (50 °C)                         |

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|                                        |   |                                   |
|----------------------------------------|---|-----------------------------------|
| Relative vapour density                | : | No data available                 |
| Density                                | : | 1,028 g/cm <sup>3</sup> (23 °C)   |
| Solubility(ies)                        |   |                                   |
| Water solubility                       | : | partly soluble                    |
| Partition coefficient: n-octanol/water | : | No data available                 |
| Decomposition temperature              | : | Not applicable                    |
| Viscosity                              |   |                                   |
| Viscosity, kinematic                   | : | > 20,5 mm <sup>2</sup> /s (40 °C) |
| Flow time                              | : | 40 s                              |
|                                        |   | Cross section: 4 mm               |
|                                        |   | Method: DIN 53211                 |
| Explosive properties                   | : | No data available                 |
| Oxidizing properties                   | : | No data available                 |

**9.2 Other information**

|               |   |                   |
|---------------|---|-------------------|
| Self-ignition | : | No data available |
|---------------|---|-------------------|

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

|                     |   |                                                             |
|---------------------|---|-------------------------------------------------------------|
| Hazardous reactions | : | No dangerous reaction known under conditions of normal use. |
|---------------------|---|-------------------------------------------------------------|

No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

**10.4 Conditions to avoid**

|                     |   |                          |
|---------------------|---|--------------------------|
| Conditions to avoid | : | Heat, flames and sparks. |
|---------------------|---|--------------------------|

**10.5 Incompatible materials**

|                    |   |                         |
|--------------------|---|-------------------------|
| Materials to avoid | : | Strong oxidizing agents |
|--------------------|---|-------------------------|

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**10.6 Hazardous decomposition products**

Stable under recommended storage conditions.  
No hazardous decomposition products are known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

Not classified due to lack of data.

**Product:**

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg  
Method: Calculation method

**Skin corrosion/irritation**

Repeated exposure may cause skin dryness or cracking.

**Product:**

Remarks : May cause skin irritation and/or dermatitis.

**Components:**

**alpha-{3-[3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl]propanoyl}-omega-hydroxypoly(oxyethylene):**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

**Serious eye damage/eye irritation**

Not classified due to lack of data.

**Product:**

Remarks : Vapours may cause irritation to the eyes, respiratory system and the skin.

**Components:**

**alpha-{3-[3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl]propanoyl}-omega-hydroxypoly(oxyethylene):**

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : No eye irritation

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**Respiratory or skin sensitisation****Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified due to lack of data.

**Product:**

Remarks : Causes sensitisation.

**Components:**

**alpha-{3-[3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl]propanoyl}-omega-hydroxypoly(oxyethylene):**

|                 |                           |
|-----------------|---------------------------|
| Test Type       | : Maximisation Test       |
| Exposure routes | : Skin contact            |
| Species         | : Guinea pig              |
| Method          | : OECD Test Guideline 406 |
| Result          | : Causes sensitisation.   |

**Germ cell mutagenicity**

Not classified due to lack of data.

**Carcinogenicity**

Not classified due to lack of data.

**Reproductive toxicity**

Not classified due to lack of data.

**STOT - single exposure**

May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified due to lack of data.

**Aspiration toxicity**

Not classified due to lack of data.

**Further information****Product:**

Remarks : Solvents may degrease the skin.

**SECTION 12: Ecological information****12.1 Toxicity****Components:**

**Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester:**

M-Factor (Acute aquatic tox- : 1  
icity)

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M-Factor (Chronic aquatic toxicity) : 1

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment****Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects****Product:**

Endocrine disrupting potential : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

**Global warming potential**

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

**Components:****2,2,4,4,6,6,8,8,10,10,12,12-Dodecamethylcyclohexasiloxane:**

20-year global warming potential: 0,51

100-year global warming potential: 0,142

500-year global warming potential: 0,04

Atmospheric lifetime: 0,011 yr

Radiative efficiency: 0,086000 Wm2ppb

Further information: Miscellaneous compounds

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemi-

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cal or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

---

**SECTION 14: Transport information**
**14.1 UN number**

|             |   |         |
|-------------|---|---------|
| <b>ADN</b>  | : | UN 1263 |
| <b>ADR</b>  | : | UN 1263 |
| <b>RID</b>  | : | UN 1263 |
| <b>IMDG</b> | : | UN 1263 |
| <b>IATA</b> | : | UN 1263 |

**14.2 UN proper shipping name**

|             |   |       |
|-------------|---|-------|
| <b>ADN</b>  | : | PAINT |
| <b>ADR</b>  | : | PAINT |
| <b>RID</b>  | : | PAINT |
| <b>IMDG</b> | : | PAINT |
| <b>IATA</b> | : | PAINT |

**14.3 Transport hazard class(es)**

|             | Class | Subsidiary risks |
|-------------|-------|------------------|
| <b>ADN</b>  | :     | 3                |
| <b>ADR</b>  | :     | 3                |
| <b>RID</b>  | :     | 3                |
| <b>IMDG</b> | :     | 3                |
| <b>IATA</b> | :     | 3                |

**14.4 Packing group**

|                              |       |
|------------------------------|-------|
| <b>ADN</b>                   |       |
| Packing group                | : III |
| Classification Code          | : F1  |
| Hazard Identification Number | : 30  |
| Labels                       | : 3   |
| <b>ADR</b>                   |       |
| Packing group                | : III |
| Classification Code          | : F1  |
| Hazard Identification Number | : 30  |
| Labels                       | : 3   |

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Tunnel restriction code : (D/E)

**RID**

|                              |       |
|------------------------------|-------|
| Packing group                | : III |
| Classification Code          | : F1  |
| Hazard Identification Number | : 30  |
| Labels                       | : 3   |

**IMDG**

|               |                   |
|---------------|-------------------|
| Packing group | : III             |
| Labels        | : 3               |
| EmS Code      | : F-E, <u>S-E</u> |

**IATA (Cargo)**

|                                      |                     |
|--------------------------------------|---------------------|
| Packing instruction (cargo aircraft) | : 366               |
| Packing instruction (LQ)             | : Y344              |
| Packing group                        | : III               |
| Labels                               | : Flammable Liquids |

**IATA (Passenger)**

|                                          |                     |
|------------------------------------------|---------------------|
| Packing instruction (passenger aircraft) | : 355               |
| Packing instruction (LQ)                 | : Y344              |
| Packing group                            | : III               |
| Labels                                   | : Flammable Liquids |

**14.5 Environmental hazards****ADN**

Environmentally hazardous : no

**ADR**

Environmentally hazardous : no

**RID**

Environmentally hazardous : no

**IMDG**

Marine pollutant : no

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable for product as supplied.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Relevant EU provisions transposed through retained EU law

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| UK REACH List of restrictions (Annex 17) | : Conditions of restriction for the fol- |
|------------------------------------------|------------------------------------------|

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lowing entries should be considered:  
Number on list 3

Number on list 55: 2-(2-Butoxyethoxy)ethanol

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation : Not applicable

The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) : Not applicable

Regulation (EU) No 2024/590 on substances that deplete the ozone layer : Not applicable

UK REACH List of substances subject to authorisation (Annex XIV) : Not applicable

GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation : Not applicable

Control of Major Accident Hazards Regulations 2015 (COMAH) P5c FLAMMABLE LIQUIDS

Volatile organic compounds :

Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 60,18 %, 618,65 g/l

Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 60,18 %, 618,7 g/l  
VOC content excluding water

**Other regulations:**

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

**15.2 Chemical safety assessment**

A Chemical Safety Assessment is not required for this substance.

**SECTION 16: Other information**
**Full text of H-Statements**

|      |                                                 |
|------|-------------------------------------------------|
| H225 | : Highly flammable liquid and vapour.           |
| H226 | : Flammable liquid and vapour.                  |
| H304 | : May be fatal if swallowed and enters airways. |
| H312 | : Harmful in contact with skin.                 |
| H315 | : Causes skin irritation.                       |
| H317 | : May cause an allergic skin reaction.          |

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|       |                                                         |
|-------|---------------------------------------------------------|
| H319  | : Causes serious eye irritation.                        |
| H332  | : Harmful if inhaled.                                   |
| H335  | : May cause respiratory irritation.                     |
| H336  | : May cause drowsiness or dizziness.                    |
| H361f | : Suspected of damaging fertility.                      |
| H400  | : Very toxic to aquatic life.                           |
| H410  | : Very toxic to aquatic life with long lasting effects. |
| H411  | : Toxic to aquatic life with long lasting effects.      |

**Full text of other abbreviations**

|                     |                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute Tox.          | : Acute toxicity                                                                                                                                                                                                   |
| Aquatic Acute       | : Short-term (acute) aquatic hazard                                                                                                                                                                                |
| Aquatic Chronic     | : Long-term (chronic) aquatic hazard                                                                                                                                                                               |
| Asp. Tox.           | : Aspiration hazard                                                                                                                                                                                                |
| Eye Irrit.          | : Eye irritation                                                                                                                                                                                                   |
| Flam. Liq.          | : Flammable liquids                                                                                                                                                                                                |
| Repr.               | : Reproductive toxicity                                                                                                                                                                                            |
| Skin Irrit.         | : Skin irritation                                                                                                                                                                                                  |
| Skin Sens.          | : Skin sensitisation                                                                                                                                                                                               |
| STOT RE             | : Specific target organ toxicity - repeated exposure                                                                                                                                                               |
| STOT SE             | : Specific target organ toxicity - single exposure                                                                                                                                                                 |
| 2000/39/EC          | : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values                                                                                               |
| 2006/15/EC          | : Europe. Indicative occupational exposure limit values                                                                                                                                                            |
| 2009/161/EU         | : Europe. COMMISSION DIRECTIVE 2009/161/EU establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC |
| 2017/164/EU         | : Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values                                                                                             |
| 2019/1831/EU        | : Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values                                                                                             |
| GB EH40             | : UK. EH40 WEL - Workplace Exposure Limits                                                                                                                                                                         |
| GB EH40 BAT         | : UK. Biological monitoring guidance values                                                                                                                                                                        |
| 2000/39/EC / TWA    | : Limit Value - eight hours                                                                                                                                                                                        |
| 2000/39/EC / STEL   | : Short term exposure limit                                                                                                                                                                                        |
| 2006/15/EC / TWA    | : Limit Value - eight hours                                                                                                                                                                                        |
| 2006/15/EC / STEL   | : Short term exposure limit                                                                                                                                                                                        |
| 2009/161/EU / TWA   | : Limit Value - eight hours                                                                                                                                                                                        |
| 2009/161/EU / STEL  | : Short term exposure limit                                                                                                                                                                                        |
| 2017/164/EU / STEL  | : Short term exposure limit                                                                                                                                                                                        |
| 2017/164/EU / TWA   | : Limit Value - eight hours                                                                                                                                                                                        |
| 2019/1831/EU / TWA  | : Limit Value - eight hours                                                                                                                                                                                        |
| 2019/1831/EU / STEL | : Short term exposure limit                                                                                                                                                                                        |
| GB EH40 / TWA       | : Long-term exposure limit (8-hour TWA reference period)                                                                                                                                                           |
| GB EH40 / STEL      | : Short-term exposure limit (15-minute reference period)                                                                                                                                                           |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration

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associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further information****Classification of the mixture:**

|                   |      |
|-------------------|------|
| Flam. Liq. 3      | H226 |
| Skin Sens. 1      | H317 |
| STOT SE 3         | H336 |
| Aquatic Chronic 3 | H412 |

**Classification procedure:**

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name : Hardener HA3052A-

Identification of the article : 10331246

**1.2 Relevant identified uses of the substance or mixture and uses advised against**Use of the Sub-  
stance/Mixture : Industrial paintRecommended restrictions  
on use : For professional users only.**1.3 Details of the supplier of the safety data sheet**

Company : Mäder Germany GmbH  
Reinhard-Reichnow-Strasse 4  
DE - 96129 STRULLENDORF

Telephone : +49 (0) 9543 / 65-0  
Telefax : +49 (0) 9543 / 65-66  
E-mail address of person  
responsible for the SDS : info.strullendorf@mader-group.com

**1.4 Emergency telephone number****SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Flammable liquids, Category 3 H226: Flammable liquid and vapour.

Acute toxicity, Category 4 H332: Harmful if inhaled.

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.

Specific target organ toxicity - single ex-  
posure, Category 3, Respiratory system H335: May cause respiratory irritation.Specific target organ toxicity - single ex-  
posure, Category 3, Central nervous  
system H336: May cause drowsiness or dizziness.Long-term (chronic) aquatic hazard, Cat-  
egory 3 H412: Harmful to aquatic life with long lasting ef-  
fects.**2.2 Label elements****Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

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Hazard pictograms :



Signal word :

Warning

Hazard statements :

|      |                                                    |
|------|----------------------------------------------------|
| H226 | Flammable liquid and vapour.                       |
| H317 | May cause an allergic skin reaction.               |
| H332 | Harmful if inhaled.                                |
| H335 | May cause respiratory irritation.                  |
| H336 | May cause drowsiness or dizziness.                 |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary statements :

**Prevention:**

|      |                                                                                                   |
|------|---------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.    |
| P261 | Avoid breathing mist or vapours.                                                                  |
| P273 | Avoid release to the environment.                                                                 |
| P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection. |

**Response:**

|                    |                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------|
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. |
| P370 + P378        | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.         |

Hazardous components which must be listed on the label:

Polymer of 1,6-diisocyanatohexane

Butyl acetate

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified

1,6-Diisocyanatohexane

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Chemical nature : Industrial paint

**Components**

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification | Concentration<br>(% w/w) |
|---------------|-------------------------------------------------------|----------------|--------------------------|
|               |                                                       |                |                          |

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|                                                                                   |                                |                                                                                                                                                                                                                                                                            |              |
|-----------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Polymer of 1,6-diisocyanatohexane                                                 | 28182-81-2<br>01-2119485796-17 | Acute Tox. 4; H332<br>Skin Sens. 1; H317<br>STOT SE 3; H335<br>(Respiratory system)                                                                                                                                                                                        | >= 50 - < 70 |
| Butyl acetate                                                                     | 123-86-4<br>01-2119485493-29   | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)                                                                                                                                                                                                          | >= 10 - < 20 |
| Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified | 64742-95-6<br>01-2119455851-35 | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)<br>STOT SE 3; H335<br>(Respiratory system)<br>Asp. Tox. 1; H304<br>Aquatic Chronic 2; H411                                                                                                               | >= 10 - < 20 |
| 1,6-Diisocyanatohexane                                                            | 822-06-0<br>01-2119457571-37   | Acute Tox. 3; H331<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Resp. Sens. 1; H334<br>Skin Sens. 1; H317<br>STOT SE 3; H335<br>(Respiratory system)<br><br>specific concentration limit<br>Resp. Sens. 1; H334<br>>= 0,500000 %<br>Skin Sens. 1; H317<br>>= 0,500000 % | < 0,1        |

For explanation of abbreviations see section 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures**

- General advice : Move out of dangerous area.  
 Show this safety data sheet to the doctor in attendance.  
 Do not leave the victim unattended.
- If inhaled : Consult a physician after significant exposure.  
 If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : If on skin, rinse well with water.  
 If on clothes, remove clothes.

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- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

- Risks : May cause an allergic skin reaction.  
Harmful if inhaled.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.

**4.3 Indication of any immediate medical attention and special treatment needed**

- Treatment : No information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

- Unsuitable extinguishing media : High volume water jet

**5.2 Special hazards arising from the substance or mixture**

- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known

**5.3 Advice for firefighters**

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment.  
 Ensure adequate ventilation.  
 Remove all sources of ignition.  
 Evacuate personnel to safe areas.  
 Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains.  
 Prevent further leakage or spillage if safe to do so.  
 If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**6.4 Reference to other sections**

Not applicable

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Advice on safe handling : Avoid formation of aerosol.  
 Do not breathe vapours/dust.  
 Avoid exposure - obtain special instructions before use.  
 Avoid contact with skin and eyes.  
 For personal protection see section 8.  
 Smoking, eating and drinking should be prohibited in the application area.  
 Take precautionary measures against static discharges.  
 Provide sufficient air exchange and/or exhaust in work rooms.  
 Open drum carefully as content may be under pressure.  
 Dispose of rinse water in accordance with local and national regulations.  
 Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.  
 Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : When using do not eat or drink. When using do not smoke.

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Wash hands before breaks and at the end of workday.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)****SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational Exposure Limits**

| Components                        | CAS-No.                                                                  | Value type (Form of exposure) | Control parameters               | Basis         |
|-----------------------------------|--------------------------------------------------------------------------|-------------------------------|----------------------------------|---------------|
| Polymer of 1,6-diisocyanatohexane | 28182-81-2                                                               | TWA                           | 0,02 mg/m <sup>3</sup> (NCO)     | GB EH40       |
|                                   | Further information: Capable of causing occupational asthma.             |                               |                                  |               |
|                                   |                                                                          | STEL                          | 0,07 mg/m <sup>3</sup> (NCO)     | GB EH40       |
|                                   | Further information: Capable of causing occupational asthma.             |                               |                                  |               |
|                                   |                                                                          | TWA                           | 0,01 mg/m <sup>3</sup> (NCO)     | 98/24/EC I    |
|                                   | Further information: Skin, Dermal and respiratory sensitisation, Binding |                               |                                  |               |
|                                   |                                                                          | STEL                          | 0,02 mg/m <sup>3</sup> (NCO)     | 98/24/EC I    |
|                                   | Further information: Skin, Dermal and respiratory sensitisation, Binding |                               |                                  |               |
| Butyl acetate                     | 123-86-4                                                                 | TWA                           | 150 ppm<br>724 mg/m <sup>3</sup> | GB EH40       |
|                                   |                                                                          | STEL                          | 200 ppm<br>966 mg/m <sup>3</sup> | GB EH40       |
|                                   |                                                                          | TWA                           | 50 ppm<br>241 mg/m <sup>3</sup>  | 2019/1831/E U |
|                                   | Further information: Indicative                                          |                               |                                  |               |
|                                   |                                                                          | STEL                          | 150 ppm<br>723 mg/m <sup>3</sup> | 2019/1831/E U |
|                                   | Further information: Indicative                                          |                               |                                  |               |
| 1,6-Diisocyanatohexane            | 822-06-0                                                                 | TWA                           | 0,02 mg/m <sup>3</sup> (NCO)     | GB EH40       |
|                                   | Further information: Capable of causing occupational asthma.             |                               |                                  |               |
|                                   |                                                                          | STEL                          | 0,07 mg/m <sup>3</sup> (NCO)     | GB EH40       |
|                                   | Further information: Capable of causing occupational asthma.             |                               |                                  |               |
|                                   |                                                                          | TWA                           | 0,01 mg/m <sup>3</sup> (NCO)     | 98/24/EC I    |

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|  |                                                                          |                                 |            |
|--|--------------------------------------------------------------------------|---------------------------------|------------|
|  | Further information: Skin, Dermal and respiratory sensitisation, Binding |                                 |            |
|  | STEL                                                                     | 0,02 mg/m <sup>3</sup><br>(NCO) | 98/24/EC I |
|  | Further information: Skin, Dermal and respiratory sensitisation, Binding |                                 |            |

**Biological occupational exposure limits**

| Substance name                    | CAS-No.    | Control parameters                                                      | Sampling time                        | Basis       |
|-----------------------------------|------------|-------------------------------------------------------------------------|--------------------------------------|-------------|
| Polymer of 1,6-diisocyanatohexane | 28182-81-2 | isocyanate-derived diamine (Isocyanates): 1 µmol/mol creatinine (Urine) | At the end of the period of exposure | GB EH40 BAT |
| 1,6-Diisocyanatohexane            | 822-06-0   | isocyanate-derived diamine (Isocyanates): 1 µmol/mol creatinine (Urine) | At the end of the period of exposure | GB EH40 BAT |

**Derived No Effect Level (DNEL)**

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|----------------|---------|-----------------|--------------------------|-------|
|----------------|---------|-----------------|--------------------------|-------|

**Predicted No Effect Concentration (PNEC)**

| Substance name | Environmental Compartment | Value |
|----------------|---------------------------|-------|
|----------------|---------------------------|-------|

**8.2 Exposure controls****Personal protective equipment**

|                          |   |                                                                                                                                                                                                                       |
|--------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection      | : | Eye wash bottle with pure water<br>Tightly fitting safety goggles                                                                                                                                                     |
| Hand protection          | : |                                                                                                                                                                                                                       |
| Material                 | : | Nitrile rubber                                                                                                                                                                                                        |
| Break through time       | : | < 10 min                                                                                                                                                                                                              |
| Glove thickness          | : | > 0,4 mm                                                                                                                                                                                                              |
| Remarks                  | : | Please notice: the chemical resistance of a glove can be lower as the breakthrough times because of many conditions (abrasion, temperature, etc.). Please conduct your own risk assessment for your appropriate uses. |
| Skin and body protection | : | Not suitable gloves – non exhaustive list : Latex gloves.<br>Impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place.                    |
| Respiratory protection   | : | In the case of vapour formation use a respirator with an approved filter.                                                                                                                                             |

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

|            |   |                                             |
|------------|---|---------------------------------------------|
| Appearance | : | liquid                                      |
| Colour     | : | colourless                                  |
| pH         | : | substance/mixture is non-soluble (in water) |

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|                                                  |   |                                   |
|--------------------------------------------------|---|-----------------------------------|
| Boiling point/boiling range                      | : | > 36 °C                           |
| Flash point                                      | : | 41 °C                             |
| Evaporation rate                                 | : | No data available                 |
| Upper explosion limit / Upper flammability limit | : | No data available                 |
| Lower explosion limit / Lower flammability limit | : | No data available                 |
| Vapour pressure                                  | : | < 1.000 hPa (50 °C)               |
| Relative vapour density                          | : | No data available                 |
| Density                                          | : | 1,05 g/cm <sup>3</sup> (23 °C)    |
| Solubility(ies)                                  |   |                                   |
| Water solubility                                 | : | partly soluble                    |
| Partition coefficient: n-octanol/water           | : | No data available                 |
| Decomposition temperature                        | : | Not applicable                    |
| Viscosity                                        |   |                                   |
| Viscosity, kinematic                             | : | > 20,5 mm <sup>2</sup> /s (40 °C) |
| Flow time                                        | : | 17 s                              |
|                                                  |   | Cross section: 4 mm               |
|                                                  |   | Method: DIN 53211                 |
| Explosive properties                             | : | No data available                 |
| Oxidizing properties                             | : | No data available                 |

**9.2 Other information**

|               |   |                   |
|---------------|---|-------------------|
| Self-ignition | : | No data available |
|---------------|---|-------------------|

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

|                     |   |                                                             |
|---------------------|---|-------------------------------------------------------------|
| Hazardous reactions | : | No dangerous reaction known under conditions of normal use. |
|---------------------|---|-------------------------------------------------------------|

No decomposition if stored and applied as directed.

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Vapours may form explosive mixture with air.

**10.4 Conditions to avoid**

Conditions to avoid : Heat, flames and sparks.

**10.5 Incompatible materials**

Materials to avoid : Strong oxidizing agents

**10.6 Hazardous decomposition products**

Stable under recommended storage conditions.  
No hazardous decomposition products are known.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

Harmful if inhaled.

**Product:**

Acute inhalation toxicity : Acute toxicity estimate: 16,16 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

**Skin corrosion/irritation**

Not classified due to lack of data.

**Product:**

Remarks : May cause skin irritation and/or dermatitis.

**Components:****Polymer of 1,6-diisocyanatohexane:**

|               |                           |
|---------------|---------------------------|
| Species       | : Rabbit                  |
| Exposure time | : 4 h                     |
| Assessment    | : No skin irritation      |
| Method        | : OECD Test Guideline 404 |
| Result        | : Mild skin irritation    |

**Serious eye damage/eye irritation**

Not classified due to lack of data.

**Product:**

Remarks : Vapours may cause irritation to the eyes, respiratory system and the skin.

**Components:****Polymer of 1,6-diisocyanatohexane:**

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|            |   |                         |
|------------|---|-------------------------|
| Species    | : | Rabbit                  |
| Assessment | : | No eye irritation       |
| Method     | : | OECD Test Guideline 405 |
| Result     | : | Mild eye irritation     |

**Respiratory or skin sensitisation****Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified due to lack of data.

**Product:**

Remarks : Causes sensitisation.

**Components:****Polymer of 1,6-diisocyanatohexane:**

|                 |   |                                          |
|-----------------|---|------------------------------------------|
| Test Type       | : | Popliteal lymph node assay (PLNA)        |
| Exposure routes | : | Skin contact                             |
| Species         | : | Mouse                                    |
| Assessment      | : | May cause sensitisation by skin contact. |
| Method          | : | OECD Test Guideline 429                  |
| Result          | : | positive                                 |

|                 |   |                                          |
|-----------------|---|------------------------------------------|
| Test Type       | : | Maximisation Test                        |
| Exposure routes | : | Skin contact                             |
| Species         | : | Guinea pig                               |
| Assessment      | : | May cause sensitisation by skin contact. |
| Method          | : | OECD Test Guideline 406                  |
| Result          | : | positive                                 |

**Germ cell mutagenicity**

Not classified due to lack of data.

**Components:****Polymer of 1,6-diisocyanatohexane:**

|                       |   |                                                             |
|-----------------------|---|-------------------------------------------------------------|
| Genotoxicity in vitro | : | Test Type: Ames test                                        |
|                       |   | Test system: Salmonella typhimurium                         |
|                       |   | Metabolic activation: with and without metabolic activation |
|                       |   | Method: OECD Test Guideline 471                             |
|                       |   | Result: No structural alerts for mutagenicity were found    |

|  |  |                                                             |
|--|--|-------------------------------------------------------------|
|  |  | Test Type: Chromosome aberration test in vitro              |
|  |  | Test system: Rodent cell line                               |
|  |  | Metabolic activation: with and without metabolic activation |
|  |  | Method: OECD Test Guideline 473                             |
|  |  | Result: negative                                            |

|  |  |                                                       |
|--|--|-------------------------------------------------------|
|  |  | Test Type: In vitro mammalian cell gene mutation test |
|  |  | Test system: Chinese hamster ovary cells              |

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Metabolic activation: with and without metabolic activation  
 Method: OECD Test Guideline 476  
 Result: negative

Genotoxicity in vivo : Remarks: No data available

Germ cell mutagenicity- Assessment : In vitro tests did not show mutagenic effects

**Carcinogenicity**

Not classified due to lack of data.

**Components:****Polymer of 1,6-diisocyanatohexane:**

Remarks : This information is not available.

Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

**Reproductive toxicity**

Not classified due to lack of data.

**Components:****Polymer of 1,6-diisocyanatohexane:**

Effects on fertility : Remarks: No significant adverse effects were reported

Effects on foetal development : Remarks: No significant adverse effects were reported

Reproductive toxicity - Assessment : Fertility classification not possible from current data.  
 Embryotoxicity classification not possible from current data.

**STOT - single exposure**

May cause respiratory irritation.  
 May cause drowsiness or dizziness.

**Components:****Polymer of 1,6-diisocyanatohexane:**

Exposure routes : inhalation (dust/mist/fume)  
 Target Organs : Respiratory Tract  
 Assessment : May cause respiratory irritation.

**STOT - repeated exposure**

Not classified due to lack of data.

**Components:****Polymer of 1,6-diisocyanatohexane:**

Remarks : No significant adverse effects were reported

**Aspiration toxicity**

Not classified due to lack of data.

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**Further information****Product:**

Remarks : Solvents may degrease the skin.

**SECTION 12: Ecological information****12.1 Toxicity****Components:****Polymer of 1,6-diisocyanatohexane:**

|                                                     |   |                                                                                                                                    |
|-----------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity to fish                                    | : | LC50 (Danio rerio (zebra fish)): > 100 mg/l<br>Exposure time: 96 h<br>Method: Tested according to Annex V of Directive 67/548/EEC. |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 100 mg/l<br>Exposure time: 48 h<br>Method: Directive 67/548/EEC, Annex V, C.2.                |
| Toxicity to algae/aquatic plants                    | : | ErC50 (Scenedesmus quadricauda (Green algae)): > 1.000 mg/l<br>Exposure time: 72 h<br>Method: According to Mäder PA001             |
| Toxicity to microorganisms                          | : | IC50 (Bacteria): 3.828 mg/l<br>Exposure time: 3 h<br>Test Type: Respiration inhibition<br>Method: OECD Test Guideline 209          |

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment****Product:**

|            |   |                                                                                                                                                                                                    |
|------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assessment | : | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |
|------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**12.6 Other adverse effects****Product:**

|                                |   |                                                                                                                       |
|--------------------------------|---|-----------------------------------------------------------------------------------------------------------------------|
| Endocrine disrupting potential | : | This substance/mixture does not contain components considered to have endocrine disrupting properties for environment |
|--------------------------------|---|-----------------------------------------------------------------------------------------------------------------------|

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Additional ecological information : according to UK REACH Article 57(f).  
 : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
 Harmful to aquatic life with long lasting effects.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Product : The product should not be allowed to enter drains, water courses or the soil.  
 Do not contaminate ponds, waterways or ditches with chemical or used container.  
 Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
 Dispose of as unused product.  
 Do not re-use empty containers.  
 Do not burn, or use a cutting torch on, the empty drum.

**SECTION 14: Transport information****14.1 UN number**

ADN : UN 1263  
 ADR : UN 1263  
 RID : UN 1263  
 IMDG : UN 1263  
 IATA : UN 1263

**14.2 UN proper shipping name**

ADN : PAINT RELATED MATERIAL  
 (Butyl acetate, hexamethylene diisocyanate)  
 (Butyl acetate, hexamethylene diisocyanate)

ADR : PAINT RELATED MATERIAL  
 (Butyl acetate, hexamethylene diisocyanate)  
 (Butyl acetate, hexamethylene diisocyanate)

RID : PAINT RELATED MATERIAL  
 (Butyl acetate, hexamethylene diisocyanate)  
 (Butyl acetate, hexamethylene diisocyanate)

IMDG : PAINT RELATED MATERIAL  
 (Butyl acetate, hexamethylene diisocyanate)  
 ()

IATA : PAINT RELATED MATERIAL, Paint related material  
 (Butyl acetate, hexamethylene diisocyanate)  
 (Butyl acetate, hexamethylene diisocyanate)

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**14.3 Transport hazard class(es)**

|             | Class | Subsidiary risks |
|-------------|-------|------------------|
| <b>ADN</b>  | : 3   |                  |
| <b>ADR</b>  | : 3   |                  |
| <b>RID</b>  | : 3   |                  |
| <b>IMDG</b> | : 3   |                  |
| <b>IATA</b> | : 3   |                  |

**14.4 Packing group**

|                                          |                     |
|------------------------------------------|---------------------|
| <b>ADN</b>                               |                     |
| Packing group                            | : III               |
| Classification Code                      | : F1                |
| Hazard Identification Number             | : 30                |
| Labels                                   | : 3                 |
| <b>ADR</b>                               |                     |
| Packing group                            | : III               |
| Classification Code                      | : F1                |
| Hazard Identification Number             | : 30                |
| Labels                                   | : 3                 |
| Tunnel restriction code                  | : (D/E)             |
| <b>RID</b>                               |                     |
| Packing group                            | : III               |
| Classification Code                      | : F1                |
| Hazard Identification Number             | : 30                |
| Labels                                   | : 3                 |
| <b>IMDG</b>                              |                     |
| Packing group                            | : III               |
| Labels                                   | : 3                 |
| EmS Code                                 | : F-E, <u>S-E</u>   |
| <b>IATA (Cargo)</b>                      |                     |
| Packing instruction (cargo aircraft)     | : 366               |
| Packing instruction (LQ)                 | : Y344              |
| Packing group                            | : III               |
| Labels                                   | : Flammable Liquids |
| <b>IATA (Passenger)</b>                  |                     |
| Packing instruction (passenger aircraft) | : 355               |
| Packing instruction (LQ)                 | : Y344              |
| Packing group                            | : III               |
| Labels                                   | : Flammable Liquids |

**14.5 Environmental hazards**

|                           |      |
|---------------------------|------|
| <b>ADN</b>                |      |
| Environmentally hazardous | : no |
| <b>ADR</b>                |      |
| Environmentally hazardous | : no |

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**RID**

Environmentally hazardous : no

**IMDG**

Marine pollutant : no

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable for product as supplied.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Relevant EU provisions transposed through retained EU law

|                                                                                                                 |     |                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UK REACH List of restrictions (Annex 17)                                                                        | :   | Conditions of restriction for the following entries should be considered:<br>Number on list 3                                                                                                         |
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation                             | :   | Not applicable                                                                                                                                                                                        |
| The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) | :   | Not applicable                                                                                                                                                                                        |
| Regulation (EU) No 2024/590 on substances that deplete the ozone layer                                          | :   | Not applicable                                                                                                                                                                                        |
| UK REACH List of substances subject to authorisation (Annex XIV)                                                | :   | Not applicable                                                                                                                                                                                        |
| GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation                           | :   | Not applicable                                                                                                                                                                                        |
| Control of Major Accident Hazards Regulations 2015 (COMAH)                                                      | P5c | FLAMMABLE LIQUIDS                                                                                                                                                                                     |
| Volatile organic compounds                                                                                      | :   | Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)<br>Volatile organic compounds (VOC) content: 31,86 %, 334,53 g/l |

**Other regulations:**

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

**15.2 Chemical safety assessment**

A Chemical Safety Assessment is not required for this substance.

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**SECTION 16: Other information****Full text of H-Statements**

|      |                                                                              |
|------|------------------------------------------------------------------------------|
| H226 | : Flammable liquid and vapour.                                               |
| H304 | : May be fatal if swallowed and enters airways.                              |
| H315 | : Causes skin irritation.                                                    |
| H317 | : May cause an allergic skin reaction.                                       |
| H319 | : Causes serious eye irritation.                                             |
| H331 | : Toxic if inhaled.                                                          |
| H332 | : Harmful if inhaled.                                                        |
| H334 | : May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | : May cause respiratory irritation.                                          |
| H336 | : May cause drowsiness or dizziness.                                         |
| H411 | : Toxic to aquatic life with long lasting effects.                           |

**Full text of other abbreviations**

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Acute Tox.          | : Acute toxicity                                                                                                       |
| Aquatic Chronic     | : Long-term (chronic) aquatic hazard                                                                                   |
| Asp. Tox.           | : Aspiration hazard                                                                                                    |
| Eye Irrit.          | : Eye irritation                                                                                                       |
| Flam. Liq.          | : Flammable liquids                                                                                                    |
| Resp. Sens.         | : Respiratory sensitisation                                                                                            |
| Skin Irrit.         | : Skin irritation                                                                                                      |
| Skin Sens.          | : Skin sensitisation                                                                                                   |
| STOT SE             | : Specific target organ toxicity - single exposure                                                                     |
| 2019/1831/EU        | : Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values |
| 98/24/EC I          | : Europe. Chemical Agents Directive - Annex I: Binding occupational exposure limit values                              |
| GB EH40             | : UK. EH40 WEL - Workplace Exposure Limits                                                                             |
| GB EH40 BAT         | : UK. Biological monitoring guidance values                                                                            |
| 2019/1831/EU / TWA  | : Limit Value - eight hours                                                                                            |
| 2019/1831/EU / STEL | : Short term exposure limit                                                                                            |
| 98/24/EC I / STEL   | : Limit values Short-term                                                                                              |
| 98/24/EC I / TWA    | : Limit values 8 hours                                                                                                 |
| GB EH40 / TWA       | : Long-term exposure limit (8-hour TWA reference period)                                                               |
| GB EH40 / STEL      | : Short-term exposure limit (15-minute reference period)                                                               |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL

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- Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further information****Classification of the mixture:**

|                   |      |
|-------------------|------|
| Flam. Liq. 3      | H226 |
| Acute Tox. 4      | H332 |
| Skin Sens. 1      | H317 |
| STOT SE 3         | H335 |
| STOT SE 3         | H336 |
| Aquatic Chronic 3 | H412 |

**Classification procedure:**

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN

Shipper  
ITK INTERNATIONALES  
TRANSPORT KONTOR GMBH

GOTENSTRASSE 17  
20097 HAMBURG

B/L No.  
VER283570



SACO SHIPPING LINE LTD

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44, Kroytser  
PANORAMA Residence  
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3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163711

Copy

Consigned to order of  
SISTEMAS LOGISTICOS DE AMERICA  
SA DE CV, RFC: SLA110404FDA  
PONIENTE 150, NO. 688 COL.INDUSTRIAL,  
VALLEJO CP 02300, CIUDAD DE MEXICO  
OPERATIONS@SLAMERICA.COM.MX  
CTC: RAFAEL LOPEZ +52 55 30088971

Notify Party and address  
SISTEMAS LOGISTICOS DE AMERICA  
SA DE CV, RFC: SLA110404FDA  
PONIENTE 150, NO. 688 COL.INDUSTRIAL,  
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OPERATIONS@SLAMERICA.COM.MX  
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|                                                                                                                                                                  |                                   |                                                                                                                |                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                                                                                                                                  |                                   | Place of receipt<br>HAMBURG CFS                                                                                |                                                                                          |
| Ocean vessel<br>GSL MARIA 614W                                                                                                                                   |                                   | Port of loading<br>HAMBURG                                                                                     |                                                                                          |
| Port of discharge<br>VERACRUZ                                                                                                                                    | Place of delivery<br>VERACRUZ CFS |                                                                                                                | Freight payable<br>HAMBURG                                                               |
|                                                                                                                                                                  |                                   | Number of original Bills of Lading<br>0/ZERO                                                                   |                                                                                          |
| Marks and Nos.<br>PRODUCTOS RIVIAL<br>S.A. DE C.V.<br>VERACRUZ, MEXICO<br>PO4500019740<br>PO4500023211<br>PO4500025702<br>STOWED INTO CONTAINER NO.: MRKU6424627 | Quantity of Goods<br>4 PALLETS    | Description of Goods<br>PAINT AND PAINT<br>RELATED MATERIAL<br>HS-CODE: 391190,32082<br>UN 1263/CLASS 3/PG III | Said to contain<br>Gross weight, kg.<br>1130,630<br>Measurement, m <sup>3</sup><br>4,166 |
|                                                                                                                                                                  |                                   | SEAL : B136750                                                                                                 |                                                                                          |

**TOTAL 4 PALLETS 1130,630 KGS 4,166 CBM**

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
- assumes liability as prescribed in this document for such transport.

**One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.**

IN WITNESS whereof three (3) original Bills of Lading have been signed, if not otherwise stated above, one of which being accomplished the other(s) to be void.

Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

**Note:**

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

# BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach § 6 GGVSee (IMO-ERKLÄRUNG)

## TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4.2; MARPOL 73/78, Anlage III, Regel 5 Absatz 2 und dem IMDG-Code, Kapitel 5.4  
This form meets the requirements of SOLAS 74, chapter VII regulation 4.2; MARPOL 73/78, Annex III, regulation 5.2 and the IMDG-Code, Chapter 5.4

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Versender (Name & Anschrift)<br>Shipper (Name & Address)<br><b>Symrise AG</b><br><b>Anton-Jaumann-Industriepark 9</b><br><b>86720 Nördlingen</b><br><b>Germany</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | Buchungsnummer(n)<br>Reference number(s)<br>Seite 1 von 1<br>84186680                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| Empfänger<br>Consignee<br><b>Mexico Concentrate Plant</b><br><b>Norte 45 # 847</b><br><b>02300 MEXICO DF</b><br><b>MEXIKO</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             | Beförderer<br>Carrier<br><b>Fracht Group</b><br><b>International Freight Forwarder Bel</b><br><b>Desguinlei, Building Verzicht 92e15</b><br><b>2018 ANTWERPEN</b>                                                                                                      |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| <b>CONTAINER / FAHRZEUG-PACKZERTIFIKAT</b><br><b>CONTAINER / VEHICLE PACKING CERTIFICATE</b><br><b>ERKLÄRUNG</b><br>Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde.<br><b>DECLARATION</b><br>It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1.<br><b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b><br><b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>                                                                                                                                                                                   |                                                                                             | Container-/Fahrzeug-Nr.:<br>Container-/Vehicle-Nr.:<br>Name/Funktion, Unternehmen/Organisation des Unterzeichners<br>Name/status, company/organization of signatory<br>Ort und Datum<br>Place and date<br>Unterschrift für den Packer<br>Signature on behalf of packer |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| Schiffsname und Nummer der Reise<br>Ship's name and voyage No.<br>Ladehafen<br>Port of loading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             | (Frei für Text, Anweisungen und sonstige Angaben)<br>(Reserved for text, instructions or other matter)<br>Emergency Contact (24 h number) GBK/Infotrac ID:101844<br>+1-800-535-5053<br>+1-352-323-3500 (Outside US)                                                    |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| Löschhafen<br>Port of discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| UN-Nr.<br>UN-No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Inhalt (richtiger technischer Name) *<br>Proper Shipping Name<br>(Correct technical name) * | Klasse/Unterklasse nach IMO<br>IMO Class/<br>Subsidiary Class                                                                                                                                                                                                          | Verpackungsgruppe<br>Packing group                                                                                                                                                                                                                                                                                | Markierung der Versandstücke<br>Falls zutreffend, Identifikations-Nummer<br>oder aml. Kennzeichen<br>Marks & Nos, if applicable, identification<br>or registration number(s) of the Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Anzahl und Verp.-Art<br>No. and kind of packages |
| 1197                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | UN 1197 EXTRACTS,<br>LIQUID, 3, PGIII                                                       | 3                                                                                                                                                                                                                                                                      | III                                                                                                                                                                                                                                                                                                               | THE COCA COLA<br>EXPORT<br>CORPORATION<br>PO<br>MEXICO CITY<br>33806376                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1) 23<br>Plastic<br>Jerricans<br>(3H1)           |
| Bruttomenge (Volumen/Masse)<br>Gross quantity (volume/mass)<br>Nettomenge/Volumen/Masse *<br>Net quantity/volume/mass<br>Netto Explosivstoffmasse ***<br>Net explosive mass ***                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             | Merkblatt-Nr. für<br>Unfall-Maßnahmen<br>EmS-No.                                                                                                                                                                                                                       | Eigenschaften / Properties<br>Flammpunkt / Flashpoint **<br>MARINE POLLUTANT **<br>Kontroll- und Notfalltemperatur **<br>Control- and emergency temperature **                                                                                                                                                    | Güter angeliefert als / Goods delivered as:<br><input type="checkbox"/> Stückgut / Breakbulk cargo<br><input type="checkbox"/> Ladungseinheiten (Unit Loads)<br>Unitized cargo<br><input type="checkbox"/> Bulkverpackungen / Bulk packages<br>Art der Einheit<br>(Container, Anhänger, Tank, Fahrzeug usw.)<br>Type of unit (container, trailer, tank, vehicle etc.)<br><input type="checkbox"/> offen / open<br><input type="checkbox"/> geschlossen / closed<br>Zutreffendes ankreuzen<br>Insert "X" in appropriate box<br>(Diese Spalte kann bis auf die Überschrift<br>freigelassen werden; in diesem Fall ist die<br>zutreffende Beschreibung einzusetzen.)<br>(This column may be left empty apart from the<br>heading, in which case insert appropriate<br>description.) |                                                  |
| 606,050 KG Gross<br>575,000 KG Net                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | F-E; S-D                                                                                                                                                                                                                                                               | Flammable liquids<br>Flashpoint 41°C                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| * Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen;<br>(2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen.<br>** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1;<br>*** Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY<br>UNCLEANNED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added.<br>*** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;                                                                                                                          |                                                                                             |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| ZUSÄTZLICHE ANGABEN<br>Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).<br>ADDITIONAL INFORMATION<br>In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| <b>ERKLÄRUNG DES VERSENDERS:</b><br>Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, gekennzeichnet und beschriftet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand.<br><b>SHIPPER'S DECLARATION:</b><br>I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name, and are classified, packaged and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national government regulations. |                                                                                             |                                                                                                                                                                                                                                                                        | Name/Funktion, Unternehmen/Organisation des Unterzeichners<br>Name/status, company/organization of signatory<br><b>Julia Blumenschein, Shipping Manager</b><br>Ort und Datum<br>Place and date<br><b>Nördlingen, 19.03.2026</b><br>Unterschrift für den Versender<br>Signature on behalf of shipper<br>Symrise AG |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |

## BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach § 6 GGVSee (IMO-ERKLÄRUNG)

## TRANSPORT DOCUMENT FOR DANGEROUS GOODS

## (IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4.2; MARPOL 73/78, Anlage III, Regel 5 Absatz 2 und dem IMDG-Code, Kapitel 5.4  
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Versender (Name & Anschrift)<br>Shipper (Name & Address)<br><b>Symrise AG</b><br><b>Anton-Jaumann-Industriepark 9</b><br><b>86720 Nördlingen</b><br><b>Germany</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | Buchungsnummer(n)<br>Reference number(s)<br>Seite 1 von <b>1</b><br><b>84186681</b>                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| Empfänger<br>Consignee<br><b>Mexico Concentrate Plant</b><br><b>Norte 45 # 847</b><br><b>02300 MEXICO DF</b><br><b>MEXIKO</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             | Beförderer<br>Carrier<br><b>Fracht Group</b><br><b>International Freight Forwarder Bel</b><br><b>Desguinlei, Building Verzicht 92e15</b><br><b>2018 ANTWERPEN</b>                                                                                                      |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| <b>CONTAINER / FAHRZEUG-PACKZERTIFIKAT</b><br><b>CONTAINER / VEHICLE PACKING CERTIFICATE</b><br><b>ERKLÄRUNG</b><br>Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde.<br><b>DECLARATION</b><br>It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1.<br><b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b><br><b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>                                                                                                                                                                                   |                                                                                             | Container-/Fahrzeug-Nr.:<br>Container-/Vehicle-Nr.:<br>Name/Funktion, Unternehmen/Organisation des Unterzeichners<br>Name/status, company/organization of signatory<br>Ort und Datum<br>Place and date<br>Unterschrift für den Packer<br>Signature on behalf of packer |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| Schiffsname und Nummer der Reise<br>Ship's name and voyage No.<br>Ladehafen<br>Port of loading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             | (Frei für Text, Anweisungen und sonstige Angaben)<br>(Reserved for text, instructions or other matter)                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| Löschhafen<br>Port of discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             | Emergency Contact (24 h number) GBK/Infotrac ID:101844<br>+1-800-535-5053<br>+1-352-323-3500 (Outside US)                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| UN-Nr.<br>UN-No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Inhalt (richtiger technischer Name) *<br>Proper Shipping Name<br>(Correct technical name) * | Klasse/Unterklasse nach IMO<br>IMO Class/<br>Subsidiary Class                                                                                                                                                                                                          | Verpackungsgruppe<br>Packing group                                                                                                                                                                                                                                                                                       | Markierung der Versandstücke<br>Falls zutreffend, Identifikations-Nummer<br>oder aml. Kennzeichen<br>Marks & Nos, if applicable, identification<br>or registration number(s) of the Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Anzahl und Verp.-Art<br>No. and kind of packages |
| 1197                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | UN 1197 EXTRACTS,<br>LIQUID, 3, PGIII                                                       | 3                                                                                                                                                                                                                                                                      | III                                                                                                                                                                                                                                                                                                                      | THE COCA COLA<br>EXPORT<br>CORPORATION<br>PO 4100600308<br>MEXICO CITY<br>33810401                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1) 13<br>Plastic<br>Jerricans<br>(3H1)           |
| Bruttomenge (Volumen/Masse)<br>Gross quantity (volume/mass)<br>Nettomenge/Volumen/Masse *<br>Net quantity/volume/mass<br>Netto Explosivstoffmasse ***<br>Net explosive mass ***                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             | Merkblatt-Nr. für<br>Unfall-Maßnahmen<br>EmS-No.                                                                                                                                                                                                                       | Eigenschaften / Properties<br>Flammpunkt / Flashpoint **<br>MARINE POLLUTANT **<br>Kontroll- und Notfalltemperatur **<br>Control- and emergency temperature **                                                                                                                                                           | Güter angeliefert als / Goods delivered as:<br><input type="checkbox"/> Stückgut / Breakbulk cargo<br><input type="checkbox"/> Ladungseinheiten (Unit Loads)<br>Unitized cargo<br><input type="checkbox"/> Bulkverpackungen / Bulk packages<br>Art der Einheit<br>(Container, Anhänger, Tank, Fahrzeug usw.)<br>Type of unit (container, trailer, tank, vehicle etc.)<br><input type="checkbox"/> offen / open<br><input type="checkbox"/> geschlossen / closed<br>Zutreffendes ankreuzen<br>Insert "X" in appropriate box<br>(Diese Spalte kann bis auf die Überschrift<br>freigelassen werden; in diesem Fall ist die<br>zutreffende Beschreibung einzusetzen.)<br>(This column may be left empty apart from the<br>heading, in which case insert appropriate<br>description.) |                                                  |
| 342,550 KG Gross<br>325,000 KG Net                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | F-E; S-D                                                                                                                                                                                                                                                               | Flammable liquids<br>Flashpoint 41°C                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| * Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen;<br>(2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen.<br>** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1;<br>* Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY<br>UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added.<br>*** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;                                                                                                                             |                                                                                             |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| <b>ZUSÄTZLICHE ANGABEN</b><br>Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).<br><b>ADDITIONAL INFORMATION</b><br>In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| <b>ERKLÄRUNG DES VERSENDERS:</b><br>Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, gekennzeichnet und beschriftet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand.<br><b>SHIPPER'S DECLARATION:</b><br>I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name, and are classified, packaged and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national government regulations. |                                                                                             |                                                                                                                                                                                                                                                                        | Name/Funktion, Unternehmen/Organisation des Unterzeichners<br>Name/status, company/organization of signatory<br><b>Julia Blumenschein, Shipping Manager</b><br>Ort und Datum<br>Place and date<br><b>Nördlingen, 19.03.2026</b><br>Unterschrift für den Versender<br>Signature on behalf of shipper<br><b>Symrise AG</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |

## BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach § 6 GGVSee (IMO-ERKLÄRUNG)

## TRANSPORT DOCUMENT FOR DANGEROUS GOODS

## (IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4.2; MARPOL 73/78, Anlage III, Regel 5 Absatz 2 und dem IMDG-Code, Kapitel 5.4  
 This form meets the requirements of SOLAS 74, chapter VII regulation 4.2; MARPOL 73/78, Annex III, regulation 5.2 and the IMDG-Code, Chapter 5.4

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                         |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Versender (Name & Anschrift)<br>Shipper (Name & Address)<br><b>Symrise AG</b><br><b>Anton-Jaumann-Industriepark 9</b><br><b>86720 Nördlingen</b><br><b>Germany</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                         | Buchungsnummer(n)<br>Reference number(s)<br>Seite 1 von 1<br>84186682                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| Empfänger<br>Consignee<br><b>Mexico Concentrate Plant</b><br><b>Norte 45 # 847</b><br><b>02300 MEXICO DF</b><br><b>MEXIKO</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                         | Beförderer<br>Carrier<br><b>Fracht Group</b><br><b>International Freight Forwarder Bel</b><br><b>Desguinlei, Building Verzicht 92e15</b><br><b>2018 ANTWERPEN</b>                                                                                                      |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| <b>CONTAINER / FAHRZEUG-PACKZERTIFIKAT</b><br><b>CONTAINER / VEHICLE PACKING CERTIFICATE</b><br><b>ERKLÄRUNG</b><br>Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde.<br><b>DECLARATION</b><br>It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1.<br><b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b><br><b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>                                                                                                                                                                                   |                                                                                         | Container-/Fahrzeug-Nr.:<br>Container-/Vehicle-Nr.:<br>Name/Funktion, Unternehmen/Organisation des Unterzeichners<br>Name/status, company/organization of signatory<br>Ort und Datum<br>Place and date<br>Unterschrift für den Packer<br>Signature on behalf of packer |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| Schiffsname und Nummer der Reise<br>Ship's name and voyage No.<br>Ladehafen<br>Port of loading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                         | (Frei für Text, Anweisungen und sonstige Angaben)<br>(Reserved for text, instructions or other matter)                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| Löschhafen<br>Port of discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                         | Emergency Contact (24 h number) GBK/Infotrac ID:101844<br>+1-800-535-5053<br>+1-352-323-3500 (Outside US)                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| UN-Nr.<br>UN-No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Inhalt (richtiger technischer Name)<br>Proper Shipping Name<br>(Correct technical name) | Klasse/Unterklasse nach IMO<br>IMO Class/<br>Subsidiary Class                                                                                                                                                                                                          | Verpackungsgruppe<br>Packing group                                                                                                                                                                                                                                                                                | Markierung der Versandstücke<br>Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen<br>Marks & Nos, if applicable, identification or registration number(s) of the Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Anzahl und Verp.-Art<br>No. and kind of packages |
| 1197                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | UN 1197 EXTRACTS, LIQUID, 3, PGIII                                                      | 3                                                                                                                                                                                                                                                                      | III                                                                                                                                                                                                                                                                                                               | THE COCA COLA EXPORT CORPORATION<br>PO 4100600310<br>MEXICO CITY<br>33810402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1) 27 Plastic Jerricans (3H1)                    |
| Bruttomenge (Volumen/Masse)<br>Gross quantity (volume/mass)<br>Nettomenge/Volumen/Masse<br>Net quantity/volume/mass<br>Netto Explosivstoffmasse<br>Net explosive mass ***                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                         | Merkblatt-Nr. für Unfall-Maßnahmen<br>EmS-No.                                                                                                                                                                                                                          | Eigenschaften / Properties<br>Flammpunkt / Flashpoint **<br>MARINE POLLUTANT **<br>Kontroll- und Notfalltemperatur **<br>Control- and emergency temperature **                                                                                                                                                    | Güter angeliefert als / Goods delivered as:<br><input type="checkbox"/> Stückgut / Breakbulk cargo<br><input type="checkbox"/> Ladungseinheiten (Unit Loads)<br><input type="checkbox"/> Unitized cargo<br><input type="checkbox"/> Bulkverpackungen / Bulk packages<br>Art der Einheit<br>(Container, Anhänger, Tank, Fahrzeug usw.)<br>Type of unit (container, trailer, tank, vehicle etc.)<br><input type="checkbox"/> offen / open<br><input type="checkbox"/> geschlossen / closed<br>Zutreffendes ankreuzen<br>Insert "X" in appropriate box<br>(Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.)<br>(This column may be left empty apart from the heading, in which case insert appropriate description.) |                                                  |
| 711,450 KG Gross<br>675,000 KG Net                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                         | F-E; S-D                                                                                                                                                                                                                                                               | Flammable liquids<br>Flashpoint 41°C                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| * Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen.<br>** Falls nach Kapitel 5.4 IMDG-Code erforderlich: *** Nur bei Stoffen der Klasse 1;<br>* Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added.<br>** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;                                                                                                                                    |                                                                                         |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| <b>ZUSÄTZLICHE ANGABEN</b><br>Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).<br><b>ADDITIONAL INFORMATION</b><br>In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| <b>ERKLÄRUNG DES VERSENDERS:</b><br>Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, gekennzeichnet und beschriftet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand.<br><b>SHIPPER'S DECLARATION:</b><br>I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name, and are classified, packaged and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national government regulations. |                                                                                         |                                                                                                                                                                                                                                                                        | Name/Funktion, Unternehmen/Organisation des Unterzeichners<br>Name/status, company/organization of signatory<br><b>Julia Blumenschein, Shipping Manager</b><br>Ort und Datum<br>Place and date<br><b>Nördlingen, 19.03.2026</b><br>Unterschrift für den Versender<br>Signature on behalf of shipper<br>Symrise AG |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |

**SAFETY DATA SHEET****PEACH FLAVOR**

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**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : PEACH FLAVOR

Product code : 955644

**Manufacturer or supplier's details**

Company name of supplier : Symrise AG  
 Address : Mühlenfeldstrasse 1  
 Holzminden 37603  
 Telephone : +495531900  
 Telefax : +495531901649  
 Emergency telephone number : Emergency CONTACT (24-Hour-Number)  
 GBK/Infotrac ID 101844: +49(6132)9829021

**Recommended use of the chemical and restrictions on use**

Recommended use : Flavor

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Flammable liquids : Category 3

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.

Precautionary statements :

**Prevention:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

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**Storage:**

P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Components**

| Chemical name | CAS-No. | Concentration (% w/w) |
|---------------|---------|-----------------------|
| Ethanol       | 64-17-5 | >= 10 -< 20           |

**SECTION 4. FIRST AID MEASURES**

|                                                             |                                                                                                                                                                                       |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice                                              | : Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.                                                      |
| If inhaled                                                  | : If unconscious, place in recovery position and seek medical advice.<br>Keep respiratory tract clear.<br>If symptoms persist, call a physician.                                      |
| In case of skin contact                                     | : If skin irritation persists, call a physician.<br>If on skin, rinse well with water.<br>If on clothes, remove clothes.                                                              |
| In case of eye contact                                      | : Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed                                                | : Keep respiratory tract clear.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.                                                   |
| Most important symptoms and effects, both acute and delayed | : None known.                                                                                                                                                                         |
| Notes to physician                                          | : Treat symptomatically.                                                                                                                                                              |

**SECTION 5. FIREFIGHTING MEASURES**

|                                |                                                                               |
|--------------------------------|-------------------------------------------------------------------------------|
| Suitable extinguishing media   | : Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical |
| Unsuitable extinguishing media | : High volume water jet                                                       |

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|                                               |   |                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazardous combustion products                 | : | No hazardous combustion products are known                                                                                                                                                                                                                                                                              |
| Specific extinguishing methods                | : | Standard procedure for chemical fires.<br>Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>Use a water spray to cool fully closed containers. |
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus.                                                                                                                                                                                                                                                          |

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

|                                                                     |   |                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Ensure adequate ventilation.<br>Remove all sources of ignition.<br>Evacuate personnel to safe areas.<br>Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.                                  |
| Environmental precautions                                           | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities.                                                                                              |
| Methods and materials for containment and cleaning up               | : | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).<br>Keep in suitable, closed containers for disposal. |

**SECTION 7. HANDLING AND STORAGE**

|                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on protection against fire and explosion | : | Do not spray on a naked flame or any incandescent material.<br>Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).<br>Keep away from open flames, hot surfaces and sources of ignition.                                                                                                                                                                                                                                          |
| Advice on safe handling                         | : | Avoid formation of aerosol.<br>Do not breathe vapours/dust.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Take precautionary measures against static discharges.<br>Provide sufficient air exchange and/or exhaust in work rooms.<br>Open drum carefully as content may be under pressure.<br>Dispose of rinse water in accordance with local and national regulations. |
| Hygiene measures                                | : | General industrial hygiene practice.<br>When using do not eat or drink.                                                                                                                                                                                                                                                                                                                                                                                                                   |

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Conditions for safe storage : When using do not smoke.  
Wash hands before breaks and at the end of workday.  
No smoking.  
Keep in a well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : No special restrictions on storage with other products.

Further information on storage stability : No decomposition if stored and applied as directed.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

| Components | CAS-No. | Value type<br>(Form of exposure) | Control parameters / Permissible concentration | Basis  |
|------------|---------|----------------------------------|------------------------------------------------|--------|
| Ethanol    | 64-17-5 | STEL                             | 1,000 ppm                                      | MX OEL |
|            |         | STEL                             | 1,000 ppm                                      | ACGIH  |

**Personal protective equipment**

Respiratory protection : Not required; except in case of aerosol formation.  
Hand protection

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). As the product is a mixture of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use. Wear chemicals-resistant gloves, e.g. safety gloves of nitril (thickness 0.4mm) or of butyl rubber (thickness 0.7mm). The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : clear or cloudy liquid, precipitation possible

Colour : yellow to yellow-brown

Odour : characteristic

Odour Threshold : No data available

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|                                                  |   |                                                                              |
|--------------------------------------------------|---|------------------------------------------------------------------------------|
| pH                                               | : | not determined                                                               |
| Melting point/freezing point                     | : | not determined                                                               |
| Boiling point/boiling range                      | : | not determined                                                               |
| Flash point                                      | : | 41 °C                                                                        |
| Evaporation rate                                 | : | Not applicable                                                               |
| Flammability (liquids)                           | : | Flammable liquid and vapour.                                                 |
| Self-ignition                                    | : | The substance or mixture is not classified as self heating.                  |
| Upper explosion limit / Upper flammability limit | : | Vapours may form explosive mixtures with air.                                |
| Lower explosion limit / Lower flammability limit | : | Vapours may form explosive mixtures with air.                                |
| Relative vapour density                          | : | not determined                                                               |
| Relative density                                 | : | not determined                                                               |
| Bulk density                                     | : | Not applicable                                                               |
| Solubility(ies)                                  |   |                                                                              |
| Water solubility                                 | : | completely miscible                                                          |
| Partition coefficient: n-octanol/water           | : | Not applicable                                                               |
| Decomposition temperature                        | : | not determined                                                               |
| Viscosity                                        |   |                                                                              |
| Viscosity, dynamic                               | : | not determined                                                               |
| Viscosity, kinematic                             | : | not determined                                                               |
| Explosive properties                             | : | Due to its structural properties, the product is not classified as explosive |
| Oxidizing properties                             | : | The substance or mixture is not classified as oxidizing.                     |
| Molecular weight                                 | : | Not applicable                                                               |

**SECTION 10. STABILITY AND REACTIVITY**

|                                    |   |                                                                                                     |
|------------------------------------|---|-----------------------------------------------------------------------------------------------------|
| Reactivity                         | : | No decomposition if stored and applied as directed.                                                 |
| Chemical stability                 | : | No decomposition if stored and applied as directed.                                                 |
| Possibility of hazardous reactions | : | No decomposition if stored and applied as directed.<br>Vapours may form explosive mixture with air. |

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|                        |                            |
|------------------------|----------------------------|
| Conditions to avoid    | : Heat, flames and sparks. |
| Incompatible materials | : Not applicable           |

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified due to lack of data.

**Components:****Ethanol:**

Acute oral toxicity : LD50 Oral (Rat, male and female): 10,470 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat, male and female): 117 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: OECD Test Guideline 403  
GLP: no

Acute dermal toxicity : LD50 Dermal (Rabbit): > 20,000 mg/kg  
Method: OECD Test Guideline 402

**Skin corrosion/irritation**

Not classified due to lack of data.

**Components:****Ethanol:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation  
GLP: yes  
Concentration: 100 %

**Serious eye damage/eye irritation**

Not classified due to lack of data.

**Components:****Ethanol:**

Species: Rabbit  
Method: OECD Test Guideline 405  
Result: Eye irritation  
Concentration: 100 %

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**Respiratory or skin sensitisation****Skin sensitisation**

Not classified due to lack of data.

**Respiratory sensitisation**

Not classified due to lack of data.

**Components:****Ethanol:**

Test Type: Maximisation Test  
 Species: Guinea pig  
 Method: OECD Test Guideline 406  
 Result: No sensitizing effect.  
 GLP: no

**Germ cell mutagenicity**

Not classified due to lack of data.

**Components:****Ethanol:**

Genotoxicity in vitro : Test Type: Ames test  
 Metabolic activation: with and without metabolic activation  
 Method: OECD 471  
 Result: negative

Test Type: In vitro Mammalian Cell Gene Mutation Test  
 Test system: mouse lymphoma L5178Y cells  
 Metabolic activation: with and without metabolic activation  
 Method: OECD 476  
 Result: negative

**Carcinogenicity**

Not classified due to lack of data.

**Reproductive toxicity**

Not classified due to lack of data.

**STOT - single exposure**

Not classified due to lack of data.

**STOT - repeated exposure**

Not classified due to lack of data.

**Aspiration toxicity**

Not classified due to lack of data.

**Further information****Product:**

Remarks : Solvents may degrease the skin.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****Ethanol:**

|                                                     |   |                                                                                                                                             |
|-----------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity to fish                                    | : | LC50 (Pimephales promelas (fathead minnow)): 15,300 mg/l<br>Exposure time: 96 h<br>Test Type: flow-through test                             |
| Toxicity to daphnia and other aquatic invertebrates | : | LC50 (Ceriodaphnia dubia): 5,012 mg/l<br>Exposure time: 48 h<br>Test Type: static test                                                      |
| Toxicity to algae/aquatic plants                    | : | EC50 (Chlorella vulgaris (Fresh water algae)): 675 mg/l<br>Exposure time: 96 h<br>Test Type: static test<br>Method: OECD Test Guideline 201 |
| Toxicity to microorganisms                          | : | IC50 (Activated sludge): > 1,000 mg/l<br>Exposure time: 3 h<br>Test Type: static test<br>Method: OECD 209                                   |

**Persistence and degradability****Components:****Ethanol:**

|                  |   |                                                                                                                           |
|------------------|---|---------------------------------------------------------------------------------------------------------------------------|
| Biodegradability | : | Closed Bottle test<br>Result: Readily biodegradable.<br>Biodegradation: > 70 %<br>Exposure time: 5 d<br>Method: OECD 301D |
|------------------|---|---------------------------------------------------------------------------------------------------------------------------|

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**

|                                   |   |                            |
|-----------------------------------|---|----------------------------|
| Additional ecological information | : | Remarks: No data available |
|-----------------------------------|---|----------------------------|

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

|                        |   |                                                                                                                                                                                                                                                            |
|------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste from residues    | : | Do not dispose of waste into sewer.<br>Do not contaminate ponds, waterways or ditches with chemical or used container.<br>Send to a licensed waste management company.                                                                                     |
| Contaminated packaging | : | Empty remaining contents.<br>Dispose of as unused product.<br>Empty containers should be taken to an approved waste handling site for recycling or disposal.<br>Do not re-use empty containers.<br>Do not burn, or use a cutting torch on, the empty drum. |

**SECTION 14. TRANSPORT INFORMATION****International Regulations****IATA-DGR**

|                                          |   |                  |
|------------------------------------------|---|------------------|
| UN/ID No.                                | : | UN 1197          |
| Proper shipping name                     | : | Extracts, liquid |
| Class                                    | : | 3                |
| Packing group                            | : | III              |
| Labels                                   | : | Flammable Liquid |
| Packing instruction (cargo aircraft)     | : | 366              |
| Packing instruction (passenger aircraft) | : | 355              |

**IMDG-Code**

|                      |   |                  |
|----------------------|---|------------------|
| UN number            | : | UN 1197          |
| Proper shipping name | : | EXTRACTS, LIQUID |
| Class                | : | 3                |
| Packing group        | : | III              |
| Labels               | : | 3                |
| EmS Code             | : | F-E, S-D         |
| Marine pollutant     | : | no               |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations****Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**SAFETY DATA SHEET****PEACH FLAVOR**

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: -           |
| 1.0     | 11/03/2025     | 955644      | Date of first issue: 11/03/2025 |

**SECTION 15. REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**SECTION 16. OTHER INFORMATION**

Revision Date : 11/03/2025  
Date format : mm/dd/yyyy

**Full text of other abbreviations**

ACGIH : US. ACGIH Threshold Limit Values  
MX OEL : Mexico. Occupational Exposure Limits  
ACGIH / STEL : Short term exposure limit  
MX OEL / STEL : Short term exposure limit

AIIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

**SAFETY DATA SHEET****PEACH FLAVOR**

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: -           |
| 1.0     | 11/03/2025     | 955644      | Date of first issue: 11/03/2025 |

---

The information is considered as correct, but not exhaustive, and will be used only as a guide, which is based in the current knowledge of the substance or mixture, and is applicable to proper safety precautions for the product.

MX / EN

Shipper  
POLYTRA NV  
DESGUINLEI 92 E15  
2018 ANTWERPEN  
BELGIUM  
EU-COCACOLA@FRACHT.BE

B/L No.  
VER283584



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED

44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163712

Copy

Consigned to order of

FRACHT LOGISTICS DE MEXICO SA DE CV  
BLVD. ADOLFO LOPEZ MATEOS 2235,  
PISO 10 ALA SUR COLONIA LAS AGUILAS  
ALCALDIA ALVARO OBREGON,01710, CIUDAD  
DE MEXICO, MEXICO RFC FLM210303963  
LIZETTE.RAMIREZ@FRACHT.COM  
TEL: +52 56 5120 3236

Notify Party and address

FRACHT LOGISTICS DE MEXICO SA DE CV  
BLVD. ADOLFO LOPEZ MATEOS 2235,  
PISO 10 ALA SUR COLONIA LAS AGUILAS  
ALCALDIA ALVARO OBREGON,01710, CIUDAD  
DE MEXICO, MEXICO RFC FLM210303963  
LIZETTE.RAMIREZ@FRACHT.COM  
TEL: +52 56 5120 3236

Place of receipt  
NOERDLINGEN

Ocean vessel  
GSL MARIA 614W

Port of loading  
HAMBURG

Port of discharge  
VERACRUZ

Place of delivery  
VERACRUZ CFS

Freight payable  
VERACRUZ

Number of original Bills of Lading  
0/ZERO

| Marks and Nos. | Quantity of Goods | Description of Goods | Said to contain | Gross weight, kg. | Measurement, m <sup>3</sup> |
|----------------|-------------------|----------------------|-----------------|-------------------|-----------------------------|
| PO 4100600308  | 5 PALLETS         | FLAVOR PEACH         |                 | 1722,550          | 4,148                       |
| PO 4100600310  |                   | HS CODE:33021090     |                 |                   |                             |
| PO 4100593527  |                   |                      |                 |                   |                             |

UN 1197 , EXTRACTS , LIQUID , 3,  
PG III

STOWED INTO CONTAINER NO.: MRKU6424627

SEAL : B136750

**TOTAL 5 PALLETS 1722,550 KGS 4,148 CBM**

FREIGHT COLLECT - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

**Note:**

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
- assumes liability as prescribed in this document for such transport.

**One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.**

IN WITNESS whereof three (3) original Bills of Lading have been signed, if not otherwise stated above, one of which being accomplished the other(s) to be void.

Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

SACO Shipping GmbH  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Shipper  
KUEHNE + NAGEL GESELLSCHAFT M.B.H.  
WOLFGANG-PAULI STRASSE 2B TOP 4  
4020 LINZ  
AUSTRIA  
AGENT OF BLUE ANCHOR LINE

B/L No.  
VER283588



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163713

Copy

Consigned to order of  
KUEHNE + NAGEL FORWARDING SA DE CV  
BLVD. ADOLFO RUIZ CORTINES COL.  
JARDINES DEL PEDREGAL 3720  
TORRE II, PISO 11 01900 ALVARO  
AGENT OF BLUE ANCHOR LINE

Notify Party and address  
KUEHNE + NAGEL FORWARDING SA DE CV  
BLVD. ADOLFO RUIZ CORTINES COL.  
JARDINES DEL PEDREGAL 3720  
TORRE II, PISO 11 01900 ALVARO  
AGENT OF BLUE ANCHOR LINE

|  |                                 |
|--|---------------------------------|
|  | Place of receipt<br>HAMBURG CFS |
|--|---------------------------------|

|                                |                            |
|--------------------------------|----------------------------|
| Ocean vessel<br>GSL MARIA 614W | Port of loading<br>HAMBURG |
|--------------------------------|----------------------------|

|                               |                                      |                            |                                              |
|-------------------------------|--------------------------------------|----------------------------|----------------------------------------------|
| Port of discharge<br>VERACRUZ | Place of delivery<br>GUADALAJARA CFS | Freight payable<br>HAMBURG | Number of original Bills of Lading<br>0/ZERO |
|-------------------------------|--------------------------------------|----------------------------|----------------------------------------------|

|                             |                                |                                                                                |                 |                              |                                      |
|-----------------------------|--------------------------------|--------------------------------------------------------------------------------|-----------------|------------------------------|--------------------------------------|
| Marks and Nos.<br>VER283588 | Quantity of Goods<br>1 PACKAGE | Description of Goods<br>SAID TO CONTAIN:<br>SPARE PART<br>**HSCODE: 73269098** | Said to contain | Gross weight, kg.<br>675,060 | Measurement, m <sup>3</sup><br>4,643 |
|-----------------------------|--------------------------------|--------------------------------------------------------------------------------|-----------------|------------------------------|--------------------------------------|

STOWED INTO CONTAINER NO.: MRKU6424627

SEAL : B136750

|              |                  |                    |                  |
|--------------|------------------|--------------------|------------------|
| <b>TOTAL</b> | <b>1 PACKAGE</b> | <b>675,060 KGS</b> | <b>4,643 CBM</b> |
|--------------|------------------|--------------------|------------------|

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

- a) undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
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Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

**Note:**

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

Shipper  
QCS-QUICK CARGO SERVICE GMBH  
WERNER-WITT-STRASSE 5  
21035 HAMBURG, GERMANY  
TAX-ID:DE114202533  
TELEPHONE: 00494023838940

B/L No.  
VER283626



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163715

Copy

Consigned to order of  
AIRMAR TRANSPORTES INTERNACIONALES  
S.A. DE C.V. NORTE 174, NO. 549,  
COL PENSADOR MEXICANO 15510 MEXICO,  
CMX MEXICO TAX ID: ATI 9307029F8  
TEL: 52.55.19.99.90.00

Notify Party and address  
AIRMAR TRANSPORTES INTERNACIONALES  
S.A. DE C.V. NORTE 174, NO. 549,  
COL PENSADOR MEXICANO 15510 MEXICO,  
CMX MEXICO TAX ID: ATI 9307029F8  
TEL: 52.55.19.99.90.00

|                                                                                                                           |                                   |                                                                     |                                                                      |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------|
|                                                                                                                           |                                   | Place of receipt<br>HAMBURG CFS                                     |                                                                      |
| Ocean vessel<br>GSL MARIA 614W                                                                                            |                                   | Port of loading<br>HAMBURG                                          |                                                                      |
| Port of discharge<br>VERACRUZ                                                                                             | Place of delivery<br>VERACRUZ CFS |                                                                     | Freight payable<br>VERACRUZ                                          |
|                                                                                                                           |                                   | Number of original Bills of Lading<br>0/ZERO                        |                                                                      |
| Marks and Nos.                                                                                                            | Quantity of Goods                 | Description of Goods                                                | Said to contain                                                      |
| PAUL HENKE GMBH &<br>CO. KG<br>HAFELE DE MEXICO,<br>S.A. DE C.V.<br>PH26-02133<br>STOWED INTO CONTAINER NO.: MRKU6424627  | 5 PALLETS                         | FURNITURE FITTINGS<br>AS PER INVOICE: RE26-02587<br>HS-CODE: 392630 | Gross weight, kg.<br>980,000<br>Measurement, m <sup>3</sup><br>6,093 |
|                                                                                                                           |                                   | SEAL : B136750                                                      |                                                                      |
| HAFELE BERLIN<br>GMBH & CO. KG<br>HAFELE DE MEXICO,<br>S.A. DE C.V.<br>80003534<br>STOWED INTO CONTAINER NO.: MRKU6424627 | 4 PALLETS                         | FURNITURE FITTINGS<br>AS PER INVOICE: 90003635<br>HS-CODE: 830242   | 2986,000<br>2,938                                                    |
|                                                                                                                           |                                   | SEAL : B136750                                                      |                                                                      |
| TOTAL                                                                                                                     |                                   | 9 PALLETS                                                           | 3966,000 KGS 9,031 CBM                                               |

FREIGHT COLLECT - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

Note:

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

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Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

SACO Shipping GmbH  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Shipper  
QCS-QUICK CARGO SERVICE GMBH  
WERNER-WITT-STRASSE 5  
21035 HAMBURG, GERMANY  
TAX-ID:DE114202533  
TELEPHONE: 00494023838940

B/L No.  
VER283644



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163717

Copy

Consigned to order of  
AIRMAR TRANSPORTES INTERNACIONALES  
S.A. DE C.V. NORTE 174, NO. 549,  
COL PENSADOR MEXICANO 15510 MEXICO,  
CMX MEXICO TAX ID: ATI 9307029F8  
TEL: 52.55.19.99.90.00

Notify Party and address  
AIRMAR TRANSPORTES INTERNACIONALES  
S.A. DE C.V. NORTE 174, NO. 549,  
COL PENSADOR MEXICANO 15510 MEXICO,  
CMX MEXICO TAX ID: ATI 9307029F8  
TEL: 52.55.19.99.90.00

|                                                                                                                            |                                   |                                                                                                            |                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                                                                                                                            |                                   | Place of receipt<br>HAMBURG CFS                                                                            |                                                                                         |
| Ocean vessel<br>GSL MARIA 614W                                                                                             |                                   | Port of loading<br>HAMBURG                                                                                 |                                                                                         |
| Port of discharge<br>VERACRUZ                                                                                              | Place of delivery<br>VERACRUZ CFS |                                                                                                            | Freight payable<br>VERACRUZ                                                             |
|                                                                                                                            |                                   | Number of original Bills of Lading<br>0/ZERO                                                               |                                                                                         |
| Marks and Nos.<br>LEIGHT + MULLER<br>KNIPPING-<br>AUTOMOTIVE<br>DN 12630434 + 35<br>STOWED INTO CONTAINER NO.: MRKU6424627 | Quantity of Goods<br>3 PALLETS    | Description of Goods<br>AUTOMOTIVE SPARE PARTS<br>AS PER INVOICE: 12640441,<br>12640442<br>HS-CODE: 902610 | Said to contain<br>Gross weight, kg.<br>520,000<br>Measurement, m <sup>3</sup><br>3,590 |
|                                                                                                                            |                                   | SEAL : B136750                                                                                             |                                                                                         |

**TOTAL** **3 PALLETS** **520,000 KGS** **3,590 CBM**

FREIGHT COLLECT - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA,C.P. 06700 MEXICO D.F.  
TEL:005255146915,FAX:005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

RECEIVED for shipment the above mentioned Goods in apparent good order and condition as far as could be ascertained by exercising reasonable means of checking or as stated above.

The Carrier in accordance with the provisions contained on this side and on the reverse side of this document;

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Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

**Note:**

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay

Shipper  
KNIPPING KUNSTSTOFFTECHNIK  
KINGPLASTIC GMBH  
HAMMERWIESE 3  
D 51647 GUMMERSBACH

B/L No.  
VER283651



SACO SHIPPING LINE LTD

Consigned to order of  
KNIPPING-AUTOMOTIVE S.A. DE C.V.  
CD INDUSTRIAL XICOHTENCATL II  
CALLE 15 DE AGOSTO 11-A  
MEX 90500 HUAMANTLA  
MEXIKO RFC: KNI1411253Z1

Notify Party and address  
KNIPPING-AUTOMOTIVE S.A. DE C.V.  
CD INDUSTRIAL XICOHTENCATL II  
CALLE 15 DE AGOSTO 11-A  
MEX 90500 HUAMANTLA  
PH: 00522211884160  
EM: SANDRA.GUEVARA@KNIPPING.MX

SACO SHIPPING LINE LIMITED  
44, Kroytser  
PANORAMA Residence  
Block A, Flat 01  
3120 Limassol CYPRUS  
FMC Organization No. 025875

6/04/HAM/163718

Copy

|                                                                                |                                |                                                                                                                   |                                                                                          |
|--------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                                                |                                | Place of receipt<br>GUMMERSBACH                                                                                   |                                                                                          |
| Ocean vessel<br>GSL MARIA 614W                                                 |                                | Port of loading<br>HAMBURG                                                                                        |                                                                                          |
| Port of discharge<br>VERACRUZ                                                  |                                | Place of delivery<br>MX 90500 HUAMANTLA                                                                           | Freight payable<br>FREIGHT PREPAID                                                       |
|                                                                                |                                |                                                                                                                   | Number of original Bills of Lading<br>0/ZERO                                             |
| Marks and Nos.<br>KNIPPING - AUTOMATIVE<br>S.A. DE C.V., MEXICO<br>LS: 2560122 | Quantity of Goods<br>1 PACKAGE | Description of Goods<br>AUTOMOTIVE<br>SPARE PARTS<br>HS CODE: 39089000,<br>INVOICE NO: 2560122<br>FCA GUMMERSBACH | Said to contain<br>Gross weight, kg.<br>1025,000<br>Measurement, m <sup>3</sup><br>2,090 |
| STOWED INTO CONTAINER NO.: MRKU6424627                                         |                                |                                                                                                                   | SEAL : B136750                                                                           |
| TOTAL                                                                          |                                | 1 PACKAGE                                                                                                         | 1025,000 KGS 2,090 CBM                                                                   |

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

INTERTEAM, S.A. DE C.V.  
SERVICIOS INTERNACIONALS DE  
COMERCIO, COLIMA 114 DESPACHO 201,  
COLONIA ROMA, C.P. 06700 MEXICO D.F.  
TEL: 005255146915, FAX: 005252087989  
DANIELA.BORJA@INTERTEAM.COM.MX

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Place and date of issue  
HAMBURG 12.04.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

SACO Shipping GmbH  
Wollkämmerstraße 1  
21107 Hamburg  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Declared Value of the Goods (see clause 12)  
US\$  
Ad valorem freight paid:

Note:

The Merchant's attention is called to the fact that according to Clauses 11 to 13 of this Bill of Lading, the liability of the Carrier is, in most cases, limited in respect of loss of or damage to the goods and delay



## LCL IMPORT

|                 |                     |                        |                 |
|-----------------|---------------------|------------------------|-----------------|
| Agent:          | SACOSHIPPINGGMBH    | Contact:               | BIRTE MEINS     |
| e-mail:         | birte.meins@saco.de | Phone:                 |                 |
| Incoterm:       | DAP                 | Product:               | FAK / Dry Cargo |
| Total Packages: | 3                   | Estimated Cargo Value: | 0.00            |
| Chargeable Vol: | 2.268               | Volume:                | 2.268           |
|                 |                     | Stackable:             | YES             |
|                 |                     | Total Gross weight:    | 1,950.00        |
|                 |                     | Dangerous:             | NO              |

Dear:

The following quote applies only to the details provided (origin, destination, routing, weight, volume, type of commodity, etc.) If any of these concepts change the costs may vary, so it will be necessary to request an update of the quotation.

|                         |                                                       |                              |                  |
|-------------------------|-------------------------------------------------------|------------------------------|------------------|
| Movement type:          | CFS to Door                                           | Land / Transit Time          | 3 DAYS           |
| Delivery location:      | Colonia Huamantla Centro, Huamantla, Tlaxcala, México | Port of Destination/Country: | VERACRUZ, MÉXICO |
| Port of Origin/Country: | HAMBURG, GERMANY                                      | Frequency/Transit Time:      | 17 DAYS          |
| Via/ transshipment      | DIRECT                                                |                              |                  |

### Dimensions in meters

| No. of Packages | Length m | Width m | Height m | Volume   | Weight per packageKgs | Total weight Kgs |
|-----------------|----------|---------|----------|----------|-----------------------|------------------|
| 3               | 1.20     | 0.84    | 0.75     | 2.268    | 650                   | 1950.000         |
| 3 Packages      |          |         |          | 2.268 m³ |                       | 1950 Kgs         |

### Destination charges

| Concept                                            | Currency | Rate   | Unit | Subtotal | VAT  | Amount |
|----------------------------------------------------|----------|--------|------|----------|------|--------|
| INLAND SERVICE COORDINATION (PICK UP AND DELIVERY) | USD      | 333.39 |      | 333.39   | 0.00 | 333.39 |
| Total Destination charges: 333.39 USD              |          |        |      |          |      |        |

|             |                   |
|-------------|-------------------|
| SUBTOTAL    | 333.39 USD        |
| (IVA / VAT) | 0.00 USD          |
| TOTAL       | <b>333.39</b> USD |

VALIDITY: 2026-04-30  
EXCHANGE RATE: 18.00

We thank you for your preference! In case you should have any questions, please do not hesitate to contact us.  
Best regards.

Please consult here our online schedules  
<https://intralogs.com.mx/itinerarios>



Quotation sent by: VJASSO  
vanessa.jasso@interteam.com.mx  
Office phone +52 +55 55149897  
[www.interteam.com.mx](http://www.interteam.com.mx)

Print Date: 2026/04/05 16:15:20

All contracted services with INTERTEAM, S.A. de C.V. are subject to the Standard Trading Conditions (STC) established by the Mexican Association of Freight Forwarders (AMACARGA) which can be found here: [STC y T&C](#)

1. THE CUSTOMER acknowledges that the operations carried out by INTERTEAM are subject to the Standard Trading Conditions (STC) prepared and published by the Asociación Mexicana de Agentes de Carga, A.C., except for the clauses relating to forms of payment and documentation delivery deadlines for the operation, which can be consulted on the following page: (Clause 13). However, the transportation document applicable to the operation and the terms and conditions of the operational documents sent by INTERTEAM will also be subject to the corresponding contract.
2. For the purposes of the STC, the term LOADING AGENT will be understood to refer to INTERTEAM as a service provider in its capacity of NVOCC (Non-Vessel Operating Common Carrier) (consolidator) and the term CUSTOMER will refer to freight agents or customers in general who request the service from INTERTEAM.
3. The clauses of the STC will be applicable in those cases that are consistent with the specific service contracted.
4. For the purposes of clause 17.4 of STC, THE CUSTOMER will have a maximum of 1 (one) day after the collection of the goods to deliver the necessary data, documents, and information for that specific service.
5. INTERTEAM may request additional documents to those indicated in clauses 17.4.1 to 17.4.6. of the STC.
6. The goods travel at the expense and risk of THE CUSTOMER and it will be solely responsible for contracting and accepting the terms and conditions of the insurance policy, even when the INCOTERM quoted includes insurance, it will be the responsibility of THE CUSTOMER to expressly request it.
7. THE CUSTOMER declares that it has sufficient legal resources to cover its obligations to INTERTEAM.
8. THE CUSTOMER will be required to immediately inform INTERTEAM of any instruction on the insurance policy contracted on its own so that it is fulfilled; otherwise, INTERTEAM will be released from any responsibility. Likewise, if INTERTEAM contracts the insurance policy, it will not be required to know the conditions of said policy, so any additional service indicated by the policy will be quoted separately and at the express request of THE CUSTOMER.
9. INTERTEAM is not responsible for delays in the delivery of goods since the delivery is made based on estimated delivery and arrival times.
10. THE CUSTOMER acknowledges that the conditions and form of payment will be determined in the quotation or, where appropriate, in accordance with the credit agreement granted by INTERTEAM.
11. The deadline to deliver the documentation of the operation will be up to 24 hours after the booking is made. Otherwise, if the change cannot be made or if there are delays, it will be the responsibility of THE CUSTOMER.
12. For DAP (Delivered-at-Place) services, in local transfers and to and from distribution centers (centros de distribución, CEDIS), THE CUSTOMER will be solely responsible for contracting the goods insurance.
13. INTERTEAM must send the invoice within a period of no more than 24 hours after receiving the customer's instructions; consequently, THE CUSTOMER will have a period of 24 hours to review and request clarification or corrections. Once this period has elapsed, THE CUSTOMER must pay the invoice within 72 hours after receiving the invoice.
14. All shipments are booked as stackable unless expressly mentioned otherwise. If THE CUSTOMER desires to change the shipment to NON-STACKABLE, it will be quoted again; any expense or delay that this request causes will be attributable to THE CUSTOMER.
15. THE CUSTOMER will be responsible for the damage caused to the container, so THE CUSTOMER must have an insurance policy that covers this type of loss.
16. THE CUSTOMER acknowledges that the process and delivery of VGM (Verified Gross Mass) (cargo weighing) will be mandatory to be able to ship its goods in the case of maritime transport.
17. If THE CUSTOMER has credit, and the service exceeds the limit granted, THE CUSTOMER must pay the total debt to proceed to releasing the goods; the foregoing, even if a part of the debt is subject to credit.
18. The pandemic caused by the SARS-COV-2 virus (COVID-19) has caused a shortage of containers, port congestion, lack of space, lag times and/or changes in itineraries, which can represent additional costs, such as delays, storage, etc., so INTERTEAM will NOT absorb for any reason the payment of any type of extra costs, since their origin is beyond INTERTEAM's control.
19. If the quoted service is a ROUTING ORDER of an INTERTEAM's counterparty, we inform you that charging for delays will apply in cases where the goods cannot be imported or exported.
20. INTERTEAM DOES NOT carry out procedures with warehouses or authorities of any kind in case the goods cannot be cleared through customs.
21. THE CUSTOMER is responsible for delivering the applicable customs information to comply with the issuance of the corresponding transfer-type CFDI (Comprobante Fiscal Digital por Internet, digital tax receipt).
22. The OF applies for the ship's departure date, if necessary, the ocean freight rate must be updated.
23. Inside CFS we have 15 days free of storage, after this period storages will run under the established rate. These are fixed charges.
24. Tariffs do not include: storage charges of any kind, maneuvers loading/unloading, demurrages, fumigation, palletization, packaging of any kind, inspections or any other extra charges not included on this tariff.