

SACO Shipping GmbH · Bürgermeister-Smidt-Str. 128 · 28195 Bremen

NVOCC Services worldwide  
Bremen, 22. March 2024

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

ABA / ABA / ABA

CUSTOMER-Ref.: 31424030022

Leistungsdatum : 15.03.2024

| INVOICE-No | INVOICE-Date | CUSTOMER-No | SACO-Ref.     | B/L-Ref.      | Your VAT-ID | R.O.E  |
|------------|--------------|-------------|---------------|---------------|-------------|--------|
| 5566634    | 22.03.2024   | 020896      | 4/03/BRE/5268 | 4/03/BRE/5268 |             | 0.9162 |

Vessel:

Destination:

Online-Ref:

Delivery:

| Pieces | Gross KOS | Volumen CBM |
|--------|-----------|-------------|
|--------|-----------|-------------|

ATTN: DANIELA  
FROM: ALIME  
1 X 40'HC TRHU7056870 ON TOKYO EXPRESS

| Pos. | Description     | Rate        | Amount  | Tax |
|------|-----------------|-------------|---------|-----|
| 1    | AS PER PL SHEET | 1362.17 USD | 1362.17 |     |

| NO VAT ON | VAT ON | TOTAL VAT | VAT | TOTAL AMOUNT USD |
|-----------|--------|-----------|-----|------------------|
| 1362.17   | 0      | 0         | 19% | 1362.17          |

SACO Shipping GmbH  
Wollkämmerstraße 1  
21107 Hamburg  
Telefon: +49 40 311706-0  
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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: <http://www.saco.de> · E-Mail: [info@saco.de](mailto:info@saco.de) · Geschäftsführer: Harald Pahl, Andrea Briks, Christian Wahl · 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 [www.saco.de](http://www.saco.de) eingesehen werden.

amended on: 05.10.2023 by ECH

Mexico PL-Sheet 2023

valid from October 1st 2023

SACO Ref.: 4/03/BRE/5268 Vessel: TOKYO EXPRESS Port: ALTAMIRA  
ETA: 01.04.2024 Container: TRHU7056870

| B/L       | COLLECT | incl.Special charges | Doc fee | Unstuffing | Admin Fee | Transm.Fee | Port Transf | On Carriage | 0,00 USD | Quote No.: |
|-----------|---------|----------------------|---------|------------|-----------|------------|-------------|-------------|----------|------------|
| ALM252090 |         |                      |         |            |           |            |             |             |          |            |
| ALM252114 |         |                      |         |            |           |            |             |             |          |            |
| ALM252115 |         |                      |         |            |           |            |             |             |          |            |
| ALM252116 |         |                      |         |            |           |            |             |             |          |            |
| ALM252134 |         |                      |         |            |           |            |             |             |          |            |
| ALM252147 |         |                      |         |            |           |            |             |             |          |            |
| ALM252165 |         |                      |         |            |           |            |             |             |          |            |
| ALM252166 | 89,93   |                      |         |            |           |            |             |             |          |            |
| ALM252175 |         |                      |         |            |           |            |             |             |          |            |
|           |         |                      |         |            |           |            |             |             |          |            |
|           |         |                      |         |            |           |            |             |             |          |            |
|           | 89,93   |                      | 0,00    | 0,00       | 0,00      | 0,00       | 0,00        |             | 0,00     |            |

|                                                                |           |              |                                 |
|----------------------------------------------------------------|-----------|--------------|---------------------------------|
| COLLECT FREIGHT TOTAL                                          | 89,93 USD | 89,93 USD    | debit to Interteam              |
| RELEASE FEE                                                    | 0,00 USD  |              |                                 |
| UNSTUFFING                                                     | 0,00 USD  |              |                                 |
| ADMIN FEE                                                      | 0,00 USD  |              |                                 |
| TRANSMISSION FEE                                               | 0,00 USD  | 0,00 USD     | credit to Interteam             |
| CREDIT FOR ON CARRIAGE                                         | 0,00 USD  |              |                                 |
| PORT TRANSFER                                                  | 0,00 USD  |              |                                 |
| kickback as agreed USD 24,00 w/m from B/L date 01.10.2023 FRT: | 53,010    | 1.272,24 USD | 1.272,24 USD debit to Interteam |
| Hartrodt Kickback USD 4,50 w/m FRT:                            |           | 0,00 USD     | 0,00 USD debit to Interteam     |
| Quick Cargo Kickback USD 3,- w/m FRT:                          |           | 0,00 USD     |                                 |
| BDP / ED Forwarding Kickback USD 4,- w/m FRT:                  |           | 0,00 USD     |                                 |
| Linkin / Europartner Kickback USD 4,-w/m FRT:                  |           | 0,00 USD     |                                 |
| DHL compensation USD 20,-w/m FRT:                              |           | 0,00 USD     | 0,00 USD credit to Interteam    |

TOTAL AMOUNT 1.362,17 USD CREDIT OR DEBIT TO INTERTAEM

## Ships Bag for MB/L ONEYHAME26145500

|                                                          |           |
|----------------------------------------------------------|-----------|
| <b>Container: TRHU7056870</b>                            | <b>1</b>  |
| <b>00001 MANIFEST 5027775.pdf</b>                        | <b>1</b>  |
| <b>ME26145500 seaway 20240315210101.pdf</b>              | <b>6</b>  |
| <b>HB/L: ALM252090</b>                                   | <b>11</b> |
| TYP: B/L . . . . .                                       | 11        |
| SACO Shipping Line Ltd. B/L ALM252090 ALM25209 . . . . . | 11        |
| <b>HB/L: ALM252114</b>                                   | <b>13</b> |
| TYP: Dangerous Goods Declaration . . . . .               | 13        |
| ALM252114 DGD 22.pdf . . . . .                           | 13        |
| TYP: MSDS . . . . .                                      | 14        |
| ALM252114 MSD 66.pdf . . . . .                           | 14        |
| TYP: B/L . . . . .                                       | 31        |
| SACO Shipping Line Ltd. B/L ALM252114 ALM25211 . . . . . | 31        |
| <b>HB/L: ALM252115</b>                                   | <b>32</b> |
| TYP: B/L . . . . .                                       | 32        |
| SACO Shipping Line Ltd. B/L ALM252115 ALM25211 . . . . . | 32        |
| <b>HB/L: ALM252116</b>                                   | <b>34</b> |
| TYP: Dangerous Goods Declaration . . . . .               | 34        |
| ALM252116 DGD 13.pdf . . . . .                           | 34        |
| TYP: MSDS . . . . .                                      | 35        |
| ALM252116 MSD 50.pdf . . . . .                           | 35        |
| TYP: B/L . . . . .                                       | 53        |
| SACO Shipping Line Ltd. B/L ALM252116 ALM25211 . . . . . | 53        |
| <b>HB/L: ALM252134</b>                                   | <b>55</b> |
| TYP: B/L . . . . .                                       | 55        |
| SACO Shipping Line Ltd. B/L ALM252134 ALM25213 . . . . . | 55        |
| <b>HB/L: ALM252147</b>                                   | <b>56</b> |
| TYP: B/L . . . . .                                       | 56        |
| SACO Shipping Line Ltd. B/L ALM252147 ALM25214 . . . . . | 56        |
| <b>HB/L: ALM252165</b>                                   | <b>57</b> |
| TYP: Dangerous Goods Declaration . . . . .               | 57        |
| ALM252165 DGD 14.pdf . . . . .                           | 57        |
| TYP: MSDS . . . . .                                      | 58        |
| ALM252165 MSD 16.pdf . . . . .                           | 58        |
| TYP: B/L . . . . .                                       | 73        |

|                                                |           |
|------------------------------------------------|-----------|
| SACO Shipping Line Ltd. B/L ALM252165 ALM25216 | 73        |
| <b>HB/L: ALM252166</b>                         | <b>75</b> |
| TYP: B/L                                       | 75        |
| SACO Shipping Line Ltd. B/L ALM252166 ALM25216 | 75        |
| <b>HB/L: ALM252175</b>                         | <b>76</b> |
| TYP: B/L                                       | 76        |
| SACO Shipping Line Ltd. B/L ALM252175 ALM25217 | 76        |

# Manifest

Page: 1

Container-No.: TRHU7056870 40' HIGH CUBE CONTAINER Seal-No.: K434799  
 Vessel: SAC1927 / TOKYO EXPRESS  
 ETS:  
 Master-B/L.: ONEYHAME26145500

| BL-Ref    | Marks & Nos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Qty | Packing | Description of goods                                                                                                                                                                                                                                                                                                                                                                                                                                    | Kos      | Cbm   |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| ALM252090 | MARKS:<br>ARCHROMA<br>INTERNATIONAL<br>DE MEXICO S DE<br>RL DE CV<br>KILOMETRO 43.5<br>CARRETERA<br>GUADALAJARA-OC<br>45930<br>ATOTONILQUILLO,<br>JALISCO MEXICO<br>TAX NUMBER:<br>HIM940912 5M0<br>PHONE:<br>(376)7374200 EXT.<br>4134<br>FAX: (376)<br>7370586<br><br>TRAMITES<br>ADUANALES<br>GEREZ SC<br>SATURNO # 100<br>ESQ, CALLE<br>LUNA, COL.<br>ANAHUAC, 89180<br>TAMPICO,<br>TAMPS.,<br>MEXICO<br>CONTACT:<br>NEMESIO<br>HERNANDEZ - TEL<br>+ 52 833 212-5958<br>E-MAIL:<br>VICTOR.GUERRERO@<br>TAX NUMBER:<br>TAG9404291P4<br><br>LOT NO:<br>ALM252090 | 4   | PALLETS | 160 BAGS<br>DEXTRINA DE PAPA<br>ALMIDON SOLUBLE<br>DESDOBLADO DE<br>PAPA<br>HS CODE / MEX<br>DUTY POS: 3505<br>1010<br>PO NUMBER:<br>4401130184<br>FREIGHT PREPAID<br><br>**<br>TAX NUMBER:<br>HIM940912 5M0<br>PHONE:<br>(376)7374200 EXT.<br>4134<br>FAX: (376) 7370586<br><br>***<br>CONTACT: NEMESIO<br>HERNANDEZ - TEL +<br>52 833 212-5958<br>E-MAIL:<br>VICTOR.GUERRERO@<br>TAX NUMBER:<br>TAG9404291P4<br><br>.<br><br>TREATED AND<br>CERTIFIED | 4140.000 | 6.624 |

# Manifest

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Container-No.: TRHU7056870 40' HIGH CUBE CONTAINER Seal-No.: K434799  
Vessel: SAC1927 / TOKYO EXPRESS  
ETS:  
Master-B/L.: ONEYHAME26145500

| BL-Ref    | Marks & Nos                                                                                                                                               | Qty | Packing | Description of goods                                                                                                                                                                                                                                                             | Kos      | Cbm    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| ALM252114 | 0028579940<br>0011678249<br>ALTAMIRA                                                                                                                      | 4   | PALLETS | 40 COMPOSITE<br>DRUMS UN 6HA1<br>WACKER SILANE<br>CHM-DIMETHOXY<br>25KG CANISTER RD<br>ST<br>HS CODE: 29319000<br>UN 3082,<br>ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE,<br>LIQUID, N.O.S.<br>(CYCLOHEXYL<br>DIMETHOXYMETHYLS<br>9,<br>III, (+76.00 C C.C.),<br>MARINE POLLUTANT | 1208.000 | 2.726  |
| ALM252115 | PO LIGHTING<br>MEXIC<br>O S. DE R.L DE<br>C.V.<br>AVE PARQUE IND<br>MO<br>NTERREY 608<br>66603 APODACA<br>NUE<br>VO LEON<br>MEXICO<br>INVOICE<br>EM807102 | 10  | PALLETS | MOTOR CAR<br>ACCESSORIES<br>HS-CODE: 853400                                                                                                                                                                                                                                      | 685.300  | 12.115 |

# Manifest

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Container-No.: TRHU7056870 40' HIGH CUBE CONTAINER Seal-No.: K434799  
Vessel: SAC1927 / TOKYO EXPRESS  
ETS:  
Master-B/L.: ONEYHAME26145500

| BL-Ref    | Marks & Nos                                                                                                                                                         | Qty | Packing | Description of goods                                                                                                                                                                                                                                                                                                                                                                                                                                      | Kos      | Cbm   |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| ALM252116 | 0028580597<br>0011678219<br>ALTAMIRA                                                                                                                                | 1   | PALLET  | 4 STEEL<br>BARREL/DRUM<br>WACKER SILANE<br>CP2<br>DIMETHOXY190KG<br>DRUM ST<br>HS CODE: 29319000<br>UN 3082,<br>ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE,<br>LIQUID, N.O.S.<br>(DICYCLOPEN<br>TYLDIMETHOXYASILAN<br>9,<br>III, (+100.00 C C.C.),<br>MARINE POLLUTANT<br><br>UN 3082/CLASS 9/PG<br>III<br>IMO GROSS<br>WEIGHT: 826,120<br>KGS<br>IMO NET WEIGHT :<br>760,000 KGS<br><br>**) RFC:<br>LME980116R15<br>NVOCC SELF FILER -<br>SCAC CODE: ALRB | 851.120  | 1.526 |
| ALM252134 | ETO MAGNETIC<br>MEXICO<br>S DE RL DE CV<br>AV.<br>INTERPUERTO<br>675,COL. PARQUE<br>LOGISTICA 78395,<br>SAN LUIS POTOSI,<br>S.L.P, MX<br>MEXICO<br>INVOICE.: 345376 | 2   | PALLETS | 96 CARTONS<br>GUIDE ROD<br>HS CODE: 85059090<br><br>**) RFC:<br>LME980116R15<br>NVOCC SELF FILER -<br>SCAC CODE: ALRB                                                                                                                                                                                                                                                                                                                                     | 1180.960 | 1.056 |

# Manifest

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Container-No.: TRHU7056870 40' HIGH CUBE CONTAINER Seal-No.: K434799  
Vessel: SAC1927 / TOKYO EXPRESS  
ETS:  
Master-B/L.: ONEYHAME26145500

| BL-Ref    | Marks & Nos                                                                                                   | Qty | Packing           | Description of goods                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Kos      | Cbm    |
|-----------|---------------------------------------------------------------------------------------------------------------|-----|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| ALM252147 | PLASTIC OMNIUM<br>MEXICO DN:<br>26412062,<br>26412064                                                         | 6   | PALLETS           | MOTOR CAR<br>ACCESSORIES<br>HS-CODE: 852610                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1257.100 | 5.875  |
| ALM252147 | PLASTIC OMNIUM<br>MEXICO DN:<br>26400763,<br>26400765                                                         | 19  | PALLETS           | MOTOR CAR<br>ACCESSORIES<br>HS-CODE: 852610                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3722.200 | 17.748 |
| ALM252165 | SYMRISE S<br>DE R.L. DE C.V.<br>SAN NICOLAS DE<br>LOS GARZA, N.L.<br>VIA TAMPICO<br>33462450/01<br>4500915608 | 1   | FIBREBOARD<br>BOX | UN 4G<br>10 ALUMINIUM<br>BOTTLES<br>FLAVOUR<br>COMPOUND<br>ALLINAT/ISOTIOCIANA<br>DE ALILO TOCO<br>HS CODE: 29309098<br>UN 1545, ALLYL<br>ISOTHIOCYANATE,<br>STABILIZED<br>(3-ISOTHIOCYANATO-<br>E), 6.1 (3), II, (+46.00<br>C C.C.), SAPT: SAPT<br>ABOVE<br>50 DEGREES<br>CELSIUS ,<br>MARINE POLLUTANT<br><br>UN 1545/CLASS<br>6.1/PG II<br>IMO GROSS<br>WEIGHT: 29,360 KGS<br>IMO NET WEIGHT :<br>25,000 KGS<br><br>**) RFC:<br>LME980116R15<br>NVOCC SELF FILER -<br>SCAC CODE: ALRB | 29.360   | 0.093  |

# Manifest

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Container-No.: TRHU7056870 40' HIGH CUBE CONTAINER Seal-No.: K434799  
Vessel: SAC1927 / TOKYO EXPRESS  
ETS:  
Master-B/L.: ONEYHAME26145500

| BL-Ref    | Marks & Nos                                                                                                                                                                           | Qty | Packing | Description of goods                                                | Kos      | Cbm   |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|---------------------------------------------------------------------|----------|-------|
| ALM252166 | ESAB MEXICO SA<br>DE<br>CV<br>TAX ID:<br>EME-980311-6F3<br>DIEGO DIAZ DE<br>BERLANGA, NO.<br>130<br>COL. NOGALAR<br>C.P. 66480 SAN<br>NICOLAS DE LOS<br>GARZA, N.L.<br>MEXICO         | 2   | PALLETS | DRY LUBRICANT ZEL<br>760 AB /<br>HS CODE: 34039900 (<br>NON HAZARD) | 1701.000 | 2.645 |
| ALM252175 | HYSTER-YALE<br>MEXICO<br>DELIVERY<br>ADDRESS:<br>ALTAMIRA,<br>TAMPS<br>PORT<br>HYG MEXICO Y/O<br>OSCAR SERAFIN<br>PEREZ<br>COL. UNIDAD<br>NACIONAL<br>TMS 89410<br>ALTAMIRA<br>MEXICO | 4   | PALLETS | PARTS FOR<br>ELECTRIC FORK<br>LIFTS<br>HS CODE 84312000             | 1866.000 | 2.602 |

**Total****Quantity  
53****Grossweight  
16.641.040****Measurement  
53.010**

|                                                                                                                                                                                                                                                            |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| SHIPPER/EXPORTER<br>SACO SHIPPING GMBH<br>AS AGENT OF SACO SHIPPING LINE LTD<br>BGM.-SMIDT-STR.128 D-28195 BREMEN<br>GERMANY / DE118597456                                                                                                                 |                                 | BOOKING NO.<br>HAME26145500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SEA WAYBILL NO.<br>ONEYHAME26145500 |
| CONSIGNEE<br>INTERTEAM, S.A. DE C.V.<br>SERVIC. INTERNACION. DE COMERCIO<br>COLIMA 114 DESPACHO 201 COLONIA<br>ROMA,C.P.06700, MEXICO DF CN>                                                                                                               |                                 | EXPORT REFERENCES(for the Merchant's and/or Carrier's reference only. See back clause 8. (4).)<br>191554<br>403BRE5268 ABA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |
| NOTIFY PARTY (It is agreed that no responsibility shall be attached to the Carrier or its Agents for failure to notify)<br>INTERTEAM, S.A. DE C.V.<br>SERVIC. INTERNACION. DE COMERCIO<br>COLIMA 114 DESPACHO 201 COLONIA<br>ROMA,C.P.06700, MEXICO DF NP> |                                 | FORWARDING AGENT-REFERENCES<br>FMC NO.<br><br>RECEIVED by the Carrier 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 entitled "Carrier's Receipt", to be carried subject to all the terms and conditions hereof from the Place of Receipt or Port of Loading to the Port of Discharge or Place of Delivery, as applicable. Delivery of the Goods to the Carrier for Carriage hereunder constitutes acceptance by the Merchant (as defined hereinafter) (i) of all the terms and conditions, whether printed, stamped or otherwise incorporated on this side and on the reverse side of this Bill of lading and the terms and conditions of the Carrier's applicable tariff(s) as if they were all signed by the Merchant, and (ii) that any prior representations and/or agreements for or in connection with Carriage of the Goods are superseded by this Bill of Lading. If this is a negotiable (To Order/of) Bill of Lading, one original Bill of Lading, duly endorsed must be surrendered by the Merchant to the Carrier (together with any outstanding Freight) in exchange for the Goods or a Delivery Order or the pin codes for any applicable Electronic Release System. If this is a non-negotiable (straight) Bill of Lading, or where issued as a Sea Waybill, the Carrier shall deliver the Goods or issue a Delivery Order or the pin codes for any applicable Electronic Release System (after payment of outstanding Freight) to the named consignee against the surrender of one original Bill of Lading, or in the case of a Sea Waybill, on production of such reasonable proof of identity as may be required by the Carrier, or in accordance with the national law at the Port of Discharge or Place of Delivery as applicable. IN WITNESS WHEREOF the Carrier or their Agent has signed the number of Bills of Lading stated at the top, all of this tenor and date, and whenever one original Bill of Lading has been surrendered all other Bills of Lading shall be void. |                                     |
| PRE-CARRIAGE BY                                                                                                                                                                                                                                            | PLACE OF RECEIPT<br>HAMBURG, HH | FINAL DESTINATION(for the Merchant's reference only)<br>ALTAMIRA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |
| OCEAN VESSEL VOYAGE NO. FLAG<br>TOKYO EXPRESS 008W                                                                                                                                                                                                         | PORT OF LOADING<br>HAMBURG, HH  | TYPE OF MOVEMENT(IF MIXED, USE DESCRIPTION OF PACKAGES AND GOODS FIELD)<br>FCL / FCL CY / CY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
| PORT OF DISCHARGE<br>ALTAMIRA                                                                                                                                                                                                                              | PLACE OF DELIVERY<br>ALTAMIRA   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                     |

| (CHECK "HM" COLUMN IF HAZARDOUS MATERIAL)                                                                                     |                                               | PARTICULARS DECLARED BY SHIPPER BUT NOT ACKNOWLEDGED BY THE CARRIER |                                                                                                                                                                                                         |                 |                   |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|
| CNTR. NOS. W/SEAL NOS.<br>MARKS & NUMBERS                                                                                     | QUANTITY<br>(FOR CUSTOMS<br>DECLARATION ONLY) | H<br>M                                                              | DESCRIPTION OF GOODS                                                                                                                                                                                    | GROSS WEIGHT    | GROSS MEASUREMENT |
| TRHU7056870 / K434799                                                                                                         |                                               |                                                                     | / 53 PACKAGES /FCL / FCL/40HQ                                                                                                                                                                           | 16641.040KGS/53 | 0.10M3            |
| MARKS:<br>ARCHROMA<br>INTERNATIONAL DE<br>MEXICO S DE RL D<br>E<br>CV<br>KILOMETRO 43.5<br>CARRETERA<br>GUADALAJARA-OCOT<br>L | 4 H<br>PACKAGES                               |                                                                     | 160 BAGS<br>DEXTRINA DE PAPA<br>ALMIDON SOLUBLE DESDOBLADO<br>DE PAPA<br>HS CODE / MEX DUTY POS:<br>3505 1010<br>PO NUMBER: 4401130184<br>TAX NUMBER: HIM940912 5M0<br>PHONE: (376)7374200 EXT.<br>4134 | 4140.000KGS     | 6.624CBM          |

\*\* TO BE CONTINUED ON ATTACHED LIST \*\*

Declared Cargo Value US \$ . If Merchant enters a value, Carrier's limitation of liability shall not apply and the ad valorem rate will be charged.

|                                                                  |             |              |                                     |         |              |                                                                                                   |               |                                            |
|------------------------------------------------------------------|-------------|--------------|-------------------------------------|---------|--------------|---------------------------------------------------------------------------------------------------|---------------|--------------------------------------------|
| FREIGHT & CHARGES PAYABLE AT / BY:<br>HAMBURG, HH<br>MEXICO CITY |             |              | SERVICE CONTRACT NO.<br>THAMN00236A |         | DOC FORM NO. | COMMODITY CODE                                                                                    | EXCHANGE RATE | [0] ORIGINAL BILLS(S) HAVE<br>BEEN SIGNED. |
| CODE                                                             | TARIFF ITEM | FREIGHTED AS | RATE                                | PREPAID | COLLECT      | DATE CARGO RECEIVED                                                                               |               |                                            |
|                                                                  |             |              |                                     |         |              | DATE LADEN ON BOARD<br>15 MAR 2024                                                                |               |                                            |
|                                                                  |             |              |                                     |         |              | PLACE OF BILL(S) ISSUE<br>HAMBURG                                                                 |               |                                            |
|                                                                  |             |              |                                     |         |              | DATED<br>15 MAR 2024                                                                              |               |                                            |
|                                                                  |             |              |                                     |         |              | SIGNED OCEAN NETWORK EXPRESS (EUROPE)<br>BY: LTD. GERMANY BRANCH<br>as agent for and on behalf of |               |                                            |

The printed terms and conditions on this Bill are available at its  
website at [www.one-line.com](http://www.one-line.com)

Thorsten Bratthar

Ocean Network Express Pte. Ltd.  
(ONE), AS CARRIER

## ORIGINAL NON NEGOTIABLE

VESSEL VOYAGE: TOKYO EXPRESS 008W

B/L NO.: ONEYHAME26145500

| CNTR NOS. W/SEAL NOS.<br>MARKS & NUMBERS                                                                                                                                                                                                                                                                                                                                                                                                                         | QUANTITY<br>(FOR CUSTOMS<br>DECLARATION ONLY) | H<br>M | DESCRIPTION OF GOODS                                                                                                                                                                                                                                                                  | GROSS WEIGHT | MEASUREMENT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| AN<br>45930<br>ATOTONILQUILLO,<br>JALISCO MEXICO<br>TAX NUMBER:<br>HIM940912 5M0<br>PHONE:<br>(376) 7374200 EXT<br>.<br>4134<br>FAX: (376)<br>7370586<br>TRAMITES<br>ADUANALES GEREZ<br>SC<br>SATURNO # 100<br>ESQ, CALLE LUNA,<br>COL. ANAHUAC,<br>89180 TAMPICO,<br>TAMPS.,<br>MEXICO<br>CONTACT: NEMESIO<br>HERNANDEZ - TEL<br>+<br>52 833 212-5958<br>E-MAIL:<br>VICTOR.GUERRERO@<br>A<br>RCHROMA.COM<br>TAX NUMBER:<br>TAG9404291P4<br>LOT NO:<br>ALM252090 |                                               |        | FAX: (376) 7370586<br>***<br>CONTACT: NEMESIO HERNANDEZ<br>- TEL + 52 833 212-5958<br>E-MAIL:<br>VICTOR.GUERRERO@ARCHROMA.C<br>OM<br>TAX NUMBER: TAG9404291P4<br>.<br>TREATED AND CERTIFIED                                                                                           |              |             |
| 0028579940<br>0011678249<br>ALTAMIRA                                                                                                                                                                                                                                                                                                                                                                                                                             | 4<br>PACKAGES                                 |        | 40 COMPOSITE DRUMS UN 6HA1<br>WACKER SILANE<br>CHM-DIMETHOXY<br>25KG CANISTER RD ST<br>HS CODE: 29319000<br>UN 3082, ENVIRONMENTALLY<br>HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S.<br>(CYCLOHEXYL<br>DIMETHOXYMETHYLSILANE),<br>9,<br>III, (+76.00 C C.C.),<br>MARINE POLLUTANT           | 1208.000KGS  | 2.726CBM    |
| 0028580597<br>0011678219<br>ALTAMIRA                                                                                                                                                                                                                                                                                                                                                                                                                             | 1<br>PACKAGE                                  |        | 4 STEEL BARREL/DRUM<br>WACKER SILANE CP2<br>DIMETHOXY190KG DRUM ST<br>HS CODE: 29319000<br>UN 3082, ENVIRONMENTALLY<br>HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S.<br>(DICYCLOPEN<br>TYLDIMETHOXYMETHYLSILANE), 9,<br>III, (+100.00 C C.C.),<br>MARINE POLLUTANT<br>UN 3082/CLASS 9/PG III | 851.120KGS   | 1.526CBM    |

SIGNED BY: OCEAN NETWORK EXPRESS (EUROPE) LTD. GERMANY  
BRANCH

, as agent for and on behalf of



Ocean Network Express Pte. Ltd.  
(ONE), AS CARRIER

## ORIGINAL NON NEGOTIABLE

VESSEL VOYAGE: TOKYO EXPRESS 008W

B/L NO.: ONEYHAME26145500

| CNTR NOS. W/SEAL NOS.<br>MARKS & NUMBERS                                                                                                                            | QUANTITY<br>(FOR CUSTOMS<br>DECLARATION ONLY) | H<br>M | DESCRIPTION OF GOODS                                                                                                                                                                                                                                                                                                                                                                                                                                                     | GROSS WEIGHT | MEASUREMENT |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
|                                                                                                                                                                     |                                               |        | IMO GROSS WEIGHT: 826,120<br>KGS<br>IMO NET WEIGHT : 760,000<br>KGS<br>**) RFC: LME980116R15<br>NVOCC SELF FILER - SCAC<br>CODE: ALRB                                                                                                                                                                                                                                                                                                                                    |              |             |
| ETO MAGNETIC<br>MEXICO<br>S DE RL DE CV<br>AV. INTERPUERTO<br>675,COL. PARQUE<br>LOGISTICA 78395,<br>SAN LUIS POTOSI,<br>S.L.P, MX<br>MEXICO<br>INVOICE.: 345376    | 2<br>PACKAGES                                 |        | 96 CARTONS<br>GUIDE ROD<br>HS CODE: 85059090<br>**) RFC: LME980116R15<br>NVOCC SELF FILER - SCAC<br>CODE: ALRB                                                                                                                                                                                                                                                                                                                                                           | 1180.960KGS  | 1.056CBM    |
| PLASTIC OMNIUM<br>MEXICO DN:<br>26400763,<br>26400765                                                                                                               | 19<br>PACKAGES                                |        | MOTOR CAR ACCESSORIES<br>HS-CODE: 852610                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3722.200KGS  | 17.748CBM   |
| SYMRISE S<br>DE R.L. DE C.V.<br>SAN NICOLAS DE<br>LOS GARZA, N.L.<br>VIA TAMPICO<br>33462450/01<br>4500915608                                                       | 1<br>PACKAGE                                  |        | UN 4G<br>10 ALUMINIUM BOTTLES<br>FLAVOUR COMPOUND<br>ALLINAT/ISOTIOCIANATO<br>DE ALILO TOCO<br>HS CODE: 29309098<br>UN 1545, ALLYL<br>ISOTHIOCYANATE,<br>STABILIZED<br>(3-ISOTHIOCYANATO-1-PROPEN<br>E), 6.1 (3), II, (+46.00<br>C C.C.), SAPT: SAPT ABOVE<br>50 DEGREES CELSIUS ,<br>MARINE POLLUTANT<br>UN 1545/CLASS 6.1/PG II<br>IMO GROSS WEIGHT: 29,360<br>KGS<br>IMO NET WEIGHT : 25,000<br>KGS<br>**) RFC: LME980116R15<br>NVOCC SELF FILER - SCAC<br>CODE: ALRB | 29.360KGS    | 0.093CBM    |
| ESAB MEXICO SA<br>DE<br>CV<br>TAX ID:<br>EME-980311-6F3<br>DIEGO DIAZ DE<br>BERLANGA, NO.<br>130<br>COL. NOGALAR<br>C.P. 66480 SAN<br>NICOLAS DE LOS<br>GARZA, N.L. | 2<br>PACKAGES                                 |        | DRY LUBRICANT ZEL 760 AB<br>/<br>HS CODE: 34039900 ( NON<br>HAZARD)                                                                                                                                                                                                                                                                                                                                                                                                      | 1701.000KGS  | 2.645CBM    |

SIGNED OCEAN NETWORK EXPRESS (EUROPE) LTD. GERMANY  
BY: BRANCH

, as agent for and on behalf of

*Thorsten Hedder*Ocean Network Express Pte. Ltd.  
(ONE), AS CARRIER

## ORIGINAL NON NEGOTIABLE

VESSEL VOYAGE: TOKYO EXPRESS 008W

B/L NO.: ONEYHAME26145500

| CNTR NOS. W/SEAL NOS.<br>MARKS & NUMBERS                                                                                                                                          | QUANTITY<br>(FOR CUSTOMS<br>DECLARATION ONLY) | H<br>M | DESCRIPTION OF GOODS                                                                                             | GROSS WEIGHT | MEASUREMENT |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| MEXICO                                                                                                                                                                            |                                               |        |                                                                                                                  |              |             |
| PO LIGHTING<br>MEXIC<br>O S. DE R.L DE<br>C.V.<br>AVE PARQUE IND<br>MO<br>NTERREY 608<br>66603 APODACA<br>NUE<br>VO LEON<br>MEXICO<br>INVOICE EM807102                            | 10<br>PACKAGES                                |        | MOTOR CAR ACCESSORIES<br>HS-CODE: 853400                                                                         | 685.300KGS   | 12.115CBM   |
| HYSTER-YALE<br>MEXICO<br>DELIVERY<br>ADDRESS:<br>ALTAMIRA, TAMP<br>PORT<br>HYG MEXICO Y/O<br>OSCAR SERAFIN<br>PEREZ<br>COL. UNIDAD<br>NACIONAL<br>TMS 89410<br>ALTAMIRA<br>MEXICO | 4<br>PACKAGES                                 |        | PARTS FOR ELECTRIC FORK<br>LIFTS<br>HS CODE 84312000                                                             | 1866.000KGS  | 2.602CBM    |
| PLASTIC OMNIUM<br>MEXICO DN:<br>26412062,<br>26412064                                                                                                                             | 6<br>PACKAGES                                 |        | MOTOR CAR ACCESSORIES<br>HS-CODE: 852610<br><br>CN> PH: 514-69 15 FX: 208-79-8<br>NP> PH: 514-69 15 FX: 208-79-8 | 1257.100KGS  | 5.875CBM    |
| -----                                                                                                                                                                             |                                               |        |                                                                                                                  |              |             |
| ALSO NOTIFY<br>INTERTEAM, S.A. DE C.V.<br>SERVIC. INTERNACION. DE COMERCIO<br>COLIMA 114 DESPACHO 201<br>COLONIA ROMA,C.P.06700, MEXICO DF                                        |                                               |        |                                                                                                                  |              |             |
| OCEAN FREIGHT PREPAID<br>SHIPPED ON BOARD<br>SHIPPER'S LOAD, STOW AND COUNT                                                                                                       |                                               |        |                                                                                                                  |              |             |
| EXPRESS RELEASE<br>ALM252090<br>ALM252114<br>ALM252116<br>ALM252134<br>ALM252147<br>ALM252165<br>ALM252166<br>ALM252167<br>ALM252175<br>ALM252147                                 |                                               |        |                                                                                                                  |              |             |
| AGENT AT DESTINATION:                                                                                                                                                             |                                               |        |                                                                                                                  |              |             |

SIGNED OCEAN NETWORK EXPRESS (EUROPE) LTD. GERMANY  
BY: BRANCH

, as agent for and on behalf of



Ocean Network Express Pte. Ltd.  
(ONE), AS CARRIER

## ORIGINAL NON NEGOTIABLE

VESSEL VOYAGE: TOKYO EXPRESS 008W

B/L NO.: ONEYHAME26145500

| CNTR NOS. W/SEAL NOS.<br>MARKS & NUMBERS                                                                                                                                                               | QUANTITY<br>(FOR CUSTOMS<br>DECLARATION ONLY) | H<br>M | DESCRIPTION OF GOODS | GROSS WEIGHT | MEASUREMENT |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------|----------------------|--------------|-------------|
| ONE OCEAN NETWORK EXPRESS SHIPPING MEXICO,<br>S.A. DE C.V. CIUDAD DE MEXICO<br>PASEO DE LA REFORMA 180, PISO 19, COLONIA<br>JUAREZ, DEL. CUAUHEMOC, CIUDAD DE<br>MEXICO, C.P. 06600<br>TEL: 5547808200 |                                               |        |                      |              |             |

SIGNED OCEAN NETWORK EXPRESS (EUROPE) LTD. GERMANY  
BY: BRANCH

, as agent for and on behalf of

Ocean Network Express Pte. Ltd.  
(ONE), AS CARRIER

Shipper  
SUEDSTAERKE GMBH  
KOENIGSLACHENER WEG 2A  
86529 SCHROBENHAUSEN GERMANY  
TAX ID: DE128594603  
PHONE: +8252913119  
EMAIL: MARTIN.DROEMER@SUEDSTAERKE.DE

B/L No.  
ALM252090



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED

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

4/03/BRE/526801

Copy

Consigned to order of  
ARCHROMA INTERNATIONAL  
DE MEXICO S DE RL DE CV  
KILOMETRO 43.5  
CARRETERA GUADALAJARA-OCOTLAN  
45930 ATOTONILQUILLO,  
JALISCO MEXICO  
\*\*

Notify Party and address  
TRAMITES ADUANALES GEREZ SC  
SATURNO # 100 ESQ, CALLE LUNA, COL. ANAHUAC,  
89180 TAMPICO, TAMP.,  
MEXICO  
\*\*\*

|                                         |                                   |                                    |                                              |                                               |
|-----------------------------------------|-----------------------------------|------------------------------------|----------------------------------------------|-----------------------------------------------|
|                                         |                                   | Place of receipt<br>SCHROBENHAUSEN |                                              |                                               |
| Ocean vessel<br>TOKYO EXPRESS           | Port of loading<br>HAMBURG        |                                    |                                              |                                               |
| Port of discharge<br>ALTAMIRA           | Place of delivery<br>ALTAMIRA CFS | Freight payable<br>BREMEN          | 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.  
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 15.03.2024

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

SACO Shipping GmbH  
Bürgermeister-Smidt-Str. 128  
28195 Bremen  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



| Marks and Nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quantity of Goods | Description of Goods                                                                                                                                                                                                                                                                                                                                                                                                                     | Said to contain | Gross weight, kg.   | Measurement, m <sup>3</sup> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|-----------------------------|
| MARKS:<br>ARCHROMA<br>INTERNATIONAL DE<br>MEXICO S DE RL DE<br>CV<br>KILOMETRO 43.5<br>CARRETERA<br>GUADALAJARA-OCOTLAN<br>45930<br>ATOTONILQUILLO,<br>JALISCO MEXICO<br>TAX NUMBER:<br>HIM940912 5M0<br>PHONE: (376)7374200<br>EXT. 4134<br>FAX: (376) 7370586<br><br>TRAMITES ADUANALES<br>GEREZ SC<br>SATURNO # 100 ESQ,<br>CALLE LUNA, COL.<br>ANAHUAC, 89180<br>TAMPICO, TAMPS.,<br>MEXICO<br>CONTACT: NEMESIO<br>HERNANDEZ - TEL + 52<br>833 212-5958<br>E-MAIL:<br>VICTOR.GUERRERO@ARCH<br>ROMA.COM<br>TAX NUMBER:<br>TAG9404291P4<br><br>LOT NO: ALM252090<br>STOWED INTO CONTAINER NO.: TRHU7056870 | 4 PALLETS         | 160 BAGS<br>DEXTRINA DE PAPA<br>ALMIDON SOLUBLE DESDOBLADO DE<br>PAPA<br>HS CODE / MEX DUTY POS: 3505<br>1010<br>PO NUMBER: 4401130184<br>FREIGHT PREPAID<br><br>**<br>TAX NUMBER: HIM940912 5M0<br>PHONE: (376)7374200 EXT. 4134<br>FAX: (376) 7370586<br><br>***<br>CONTACT: NEMESIO HERNANDEZ -<br>TEL + 52 833 212-5958<br>E-MAIL:<br>VICTOR.GUERRERO@ARCHROMA.COM<br>TAX NUMBER: TAG9404291P4<br><br>.<br><br>TREATED AND CERTIFIED |                 | 4140,000            | 6,624                       |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | <b>4 PALLETS</b>                                                                                                                                                                                                                                                                                                                                                                                                                         |                 | <b>4140,000 KGS</b> | <b>6,624 CBM</b>            |

**MULTI MODAL DANGEROUS GOODS FORM**

This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, Chapter VII, regulation 4;

MARPOL 73/78, Annex III, regulation 4

|                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--|
| <b>Shipper/Consignor/Sende</b> Wacker Chemie AG<br>Hanns-Seidel-Platz 4<br>81737 München<br>Germany                                                                                                                                                                                                                                                                                       | <b>Page 1 of 1 Pages</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Freight Forwarder's referen</b> 240313240073 |  |
| <b>Consignee</b> WACKER MEXICANA SA DE CV<br>COLONIA TIZAPAN<br>AV. INSURGENTES SUR TORRE MURANO<br>01090 CIUDAD DE MEXICO<br>Mexico                                                                                                                                                                                                                                                      | <b>Carrier</b> Saco Shipping Line, Limassol                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                           | <b>Vessel</b> Tokyo Express (008W)                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Port of discharge</b><br>Altamira            |  |
| <b>CONTAINER/VEHICLE PACKING CERTIFICATE</b><br>I hereby declare that the goods described below have been packed/loaded into the container/vehicle identified below in accordance with the applicable provisions.<br>MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE<br><br>Name/status, company<br><br>Place and Date:<br><br><br>Signature of packer |                                                                                                                                                                                                                                                                                                                                                                                                                                               | <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.<br><br>Name/status, company<br>Lexzau, Scharbau on behalf of Wacker Chemie, München<br>Place and Date: Hamburg / Bremen 22.02.2024<br><i>T. Liberoudis T. Glaubke</i><br><br>Signature on behalf of shipper Thomas Liberoudis / Timo Glaubke |                                                 |  |
| <b>No.</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>Number &amp; kind of packages</b>                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Description of goods</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Gross mass</b>                               |  |
| 1) 4 pallets<br>= 40 composite drums UN 6HA1                                                                                                                                                                                                                                                                                                                                              | pallet weight: 68,000 kg<br><br>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANC<br>LIQUID, N.O.S.<br>(CYCLOHEXYLDIMETHOXYMETHYLSILANE), 9, III,<br>(+76,0°C c.c.), MARINE POLLUTANT, EmS: F-A,S-F<br>Emergency Contact: Wacker Chemie AG<br>via Chemtrec (CCN202412)<br>24-hours no. +1-800-424-9300<br>24-hours no. +49-8677-832222<br>via TUIS Emergency Call Center<br>+49 621 60-4333<br><br>Cargo gross/net weight: 1.140,000kg / 1.000,000kg | Gross weight:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.140,000 kg                                    |  |



## Safety Data Sheet (1907/2006/EC)

Material: 60003430

WACKER® SILANE CHM-DIMETHOXY

Version 1.1 (GHS\_EU)

Print Date 21.02.2024

Date of last alteration: 09.11.2022

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

#### 1.1 Product identifier

**Commercial product name:** WACKER® SILANE CHM-DIMETHOXY

Product identifier: Cyclohexyldimethoxymethylsilane

CAS No.: 17865-32-6

EC-No.: 402-140-1

Index-No.: 014-011-00-3

REACH registration number: 01-0000015193-76-0001

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

Use of substance / preparation:  
Industrial.  
Intermediate chemical

For this product, uses according to REACH have been identified. To provide a better readability, more specific information on uses is given in section 16.

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

Manufacturer/distributor: Wacker Chemie AG  
Street/POB-No.: Hanns-Seidel-Platz 4  
State/postal code/city: D 81737 München  
Telephone: +49 89 6279-0

Information about the Safety Data Sheet: Telephone: +49 8677 83-4888  
eMail: WLCP-MSDS@wacker.com

#### 1.4 Emergency telephone number

Emergency Information: Europe **+44 1235 239670**

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

| Classification                                 | H-Code |
|------------------------------------------------|--------|
| Skin corrosion/irritation, Category 2          | H315   |
| Long-term (chronic) aquatic hazard, Category 2 | H411   |

#### 2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008:

Pictogram(s):



Signal Word: Warning

| H-Code      | Hazard Statements                                          |
|-------------|------------------------------------------------------------|
| H315        | Causes skin irritation.                                    |
| H411        | Toxic to aquatic life with long lasting effects.           |
| P-Code      | Precautionary Statements                                   |
| P280        | Wear protective gloves/protective clothing/eye protection. |
| P273        | Avoid release to the environment.                          |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water.            |
| P332 + P313 | If skin irritation occurs: Get medical advice/ attention.  |
| P391        | Collect spillage.                                          |
| P501        | Dispose of contents/container to waste disposal.           |



## Safety Data Sheet (1907/2006/EC)

Material: 60003430

WACKER® SILANE CHM-DIMETHOXY

Version 1.1 (GHS\_EU)

Print Date 21.02.2024

Date of last alteration: 09.11.2022

Hazard ingredients (labelling):

Cyclohexyldimethoxymethylsilane

EC-No.: 402-140-1

### 2.3 Other hazards

Inhalation of aerosol spray may damage health.

The product hydrolyses under formation of methanol (CAS-Nr. 67-56-1). Methanol is classified concerning both physical and health hazards. The hydrolysis rate and consequently the relevance for the hazard profile of the product is strongly dependent on the specific conditions.

Endocrine disrupting properties - human health: 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.

Endocrine disrupting properties - environment: 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.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### 3.1.1 Chemical characteristics

CAS No.: 17865-32-6

organosilane

#### 3.1.2 Hazardous ingredients

|                                                            |                   |                                                |       |
|------------------------------------------------------------|-------------------|------------------------------------------------|-------|
| Cyclohexyldimethoxymethylsilane                            |                   |                                                | >99 % |
| CAS-No.: 17865-32-6                                        | EC-No.: 402-140-1 | Index-No.: 014-011-00-3                        |       |
| INHA                                                       | [1]               | REACH No.: 01-0000015193-76                    |       |
| Classification according to Regulation (EC) No. 1272/2008* |                   | Skin Irrit. 2 / H315; Aquatic Chronic 2 / H411 |       |

Type: INHA: ingredient, VERU: impurity

REACH registered substances may be included as impurities. These do not necessarily require identified uses and exposure scenarios in the safety data sheet.

[1] = Hazardous or environmentally harmful substance; [2] = substance with a Community workplace exposure limit; [3] = PBT substance; [4] = vPvB substance; [5] = Endocrine disrupting properties

\*Classification codes are explained in section 16.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above  $\geq 0.1\%$ .

### 3.2 Mixtures

not applicable

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information:

Take persons to a safe place. Observe self-protection for first aid. Seek medical advice in the event of contact with this substance.

#### After contact with the eyes:

Rinse immediately with plenty of water for 10-15 minutes. Keep eyelids well open to rinse the whole eye surface and eyelids with water. Seek medical advice and clearly identify substance.

#### After contact with the skin:

Remove contaminated or soaked clothing. Wash off with plenty of water or water and soap immediately for 10-15 minutes. In serious cases, use emergency shower immediately. Seek medical advice and clearly identify substance.

#### After inhalation:

Keep the patient calm. Protect against loss of body heat. Seek medical advice and clearly identify substance.

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**After swallowing:**

If conscious, give several small portions of water to drink. Do not induce vomiting. Seek medical advice and clearly identify substance.

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

Any relevant information can be found in other parts of this section.

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

Further toxicology information in section 11 must be observed.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media:**

alcohol-resistant foam , carbon dioxide , water mist , sprinkler system , sand , extinguishing powder .

**Extinguishing media which must not be used for safety reasons:**

water jet .

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

Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: toxic and very toxic fumes .

**5.3 Advice for firefighters****Special protective equipment for fire fighting:**

Use respiratory protection independent of recirculated air. Keep unprotected persons away.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.

**6.2 Environmental precautions**

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

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

Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

**Further information:**

Exhaust vapours. Eliminate all sources of ignition. Consider explosion protection. Observe notes under section 7.

**6.4 Reference to other sections**

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Precautions for safe handling:**

Ensure adequate ventilation. Must be syphoned off in situ. Spilled substance increases risk of slipping. Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Observe information in section 8. Keep away from incompatible substances in accordance with section 10.



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### Precautions against fire and explosion:

Product can separate methanol. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water.

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

#### Conditions for storage rooms and vessels:

Observe local/state/federal regulations.

#### Advice for storage of incompatible materials:

Observe local/state/federal regulations.

#### Further information for storage:

Store in a dry and cool place. Protect against moisture. Store container in a well ventilated place.

### 7.3 Specific end use(s)

No data available.

If the annex to this safety data sheet contains exposure scenarios for end uses, the information provided therein has to be observed.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Maximum airborne concentrations at the workplace:

| Substance | Type | mg/m <sup>3</sup> | ppm   | Dust fract. | Fibre/m <sup>3</sup> |
|-----------|------|-------------------|-------|-------------|----------------------|
| Methanol  | EU   | 260,0             | 200,0 |             |                      |

-

#### Derived No-Effect Level (DNEL):

##### Cyclohexyldimethoxymethylsilane

| Area of use:                                                 | Value:               |
|--------------------------------------------------------------|----------------------|
| Worker; dermal; systemic (acute) systemic (long term)        | 13,9 mg/kg/day       |
| Worker; by inhalation; systemic (acute) systemic (long term) | 98 mg/m <sup>3</sup> |
| Consumer; oral; systemic (long term)                         | 8,33 mg/kg/day       |

#### Predicted No Effect Concentration (PNEC):

##### Cyclohexyldimethoxymethylsilane

| Area of use:            | Value:              |
|-------------------------|---------------------|
| freshwater              | 0,013 mg/l          |
| marine water            | 0,0013 mg/l         |
| Intermittent release    | 0,13 mg/l           |
| Sediment (freshwater)   | 5,22 mg/kg dry mass |
| Sediment (marine water) | 0,52 mg/kg dry mass |
| Soil                    | 1,04 mg/kg dry mass |
| sewage treatment plant  | 10 mg/l             |
| Secondary poisoning     | 33,3 mg/kg food     |

### 8.2 Exposure controls

#### 8.2.1 Exposure in the work place limited and controlled

##### General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not inhale gases/vapours/aerosols. Use with adequate ventilation. Avoid contact with eyes and skin. Preventive skin protection recommended. Remove contaminated, soaked clothing immediately. Clean work areas regularly. Provide emergency shower and eye-bath. Do not eat, drink or smoke when handling. Keep away from foodstuff, drink and feedingstuff.

##### Further information for system design and engineering measures

Observe information in section 7. Observe national regulatory requirements.

##### Personal protection equipment:

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**Respiratory protection**

If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136. Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.

Recommended Filter type: Combined filter type ABEK-P2 (certain inorganic, organic and acidic gases and vapors; ammonia/amines; particles), according to acknowledged standards such as EN 14387

Observe the equipment manufacturer's information and wear time limits for respirators.

**Eye protection**

tight fitting protective goggles .

**Hand protection**

Protective gloves are required at all times when handling the material, according to recognized standards such as EN374.

Recommended glove types: Protective gloves made of butyl rubber

thickness of the material: > 0,5 mm

Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of nitrile rubber

thickness of the material: > 0,4 mm

Breakthrough time: 10 - 30 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

**Skin protection**

If handled uncovered: Chemical protective clothing, full-body liquid-tight protection if necessary. Please observe the instructions regarding permeability time which are provided by the supplier.

**8.2.2 Exposure to the environment limited and controlled**

Prevent material from entering surface waters, drains or sewers and soil.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

| Property:                                    | Value:                                               | Method:     |
|----------------------------------------------|------------------------------------------------------|-------------|
| Physical state .....                         | liquid                                               |             |
| Colour .....                                 | colourless                                           |             |
| Odour .....                                  | faint                                                |             |
| Odour Threshold .....                        | no data available                                    |             |
| Melting point.....                           | < -50 °C                                             |             |
| Boiling point/boiling range .....            | 198 °C at 1013 hPa                                   |             |
| Lower explosion limit.....                   | not applicable                                       |             |
| Upper explosion limit.....                   | not applicable                                       |             |
| Flash point.....                             | 76 °C                                                | (ISO 2719)  |
| Ignition temperature .....                   | 235 °C                                               | (DIN 51794) |
| Thermal decomposition .....                  | No decomposition when used according to regulations. |             |
| pH .....                                     | Not applicable. Reacts with water.                   |             |
| Viscosity, kinematic.....                    | 1,7 mm²/s at 25 °C                                   |             |
| Viscosity, dynamic.....                      | 1,6 mPa.s at 25 °C                                   | (DIN 51562) |
| Water solubility .....                       | 0,28 g/l at 20 °C                                    |             |
| Solubility in other solvents.....            | totally miscible with common organic solvents        |             |
| Partition coefficient: n-octanol/water ..... | no data available                                    |             |
| Vapour pressure.....                         | 0,48 hPa at 20 °C                                    |             |
| Vapour pressure.....                         | 1,7 hPa at 38 °C                                     |             |
| Density .....                                | 0,94 g/cm³ (25 °C; 1013 hPa)                         | (DIN 51757) |

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Relative vapour density .....: no data available  
 Particle Size Distribution .....: Not applicable.

**9.2 Other information**

Explosion limits for released methanol: 5.5 - 44%(V).

**Property:**  
 Sustained combustibility .....: 78 °C  
 Evaporation rate .....: no data available  
 Molecular weight .....: 188,3

**Method:**  
 (ISO 9038)

**SECTION 10: Stability and reactivity****10.1 – 10.3 Rea; Chemical stability; Possibility of hazardous reactions**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Relevant information can possibly be found in other parts of this section.

**10.4 Conditions to avoid**

Moisture, heat, open flames, and other sources of ignition.

**10.5 Incompatible materials**

Reacts with water, basic substances and acids. The reaction takes place with the formation of methanol.

**10.6 Hazardous decomposition products**

Methanol by hydrolysis. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****11.1.1 Acute toxicity****Product details:**

| Exposure routes            | Result/Effect                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oral                       | LD50 > 2000 mg/kg<br>substance related acute clinical effects but no mortalit<br>Species: Rat, Method: OECD 401, Source: test report                            |
| dermal                     | LD50 > 2000 mg/kg<br>Neither mortality nor clinical signs of toxicity were observed with the given dose.<br>Species: Rat, Method: OECD 402, Source: test report |
| by inhalation<br>((spray)) | LC50 > 5,53 mg/l; 4 h<br>No mortality observed at this dose.<br>Species: Rat, Method: OECD 403, Source: test report                                             |

**11.1.2 Skin corrosion/irritation****Product details:**

irritating  
 (Species: Rabbit, Method: OECD 404, Source: test report)

**11.1.3 Serious eye damage/eye irritation****Product details:**

No eye irritation  
 (Species: Rabbit, Method: OECD 405, Source: test report)

**11.1.4 Respiratory or skin sensitisation**



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### Product details:

| Exposure routes | Result                                                                                                                             |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------|
| Skin contact    | Does not cause skin sensitisation.<br>(Species: Guinea pig, Test system: Maximisation Test, Method: OECD 406, Source: test report) |

### 11.1.5 Germ cell mutagenicity

#### Assessment:

Based on the available data the criteria for classification as germ cell mutagen are not fulfilled.

|                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| negative<br>(Test system: mutation assay (in vitro) / bacterial cells, Method: OECD 471, Source: test report)                                                                                                                                                                                           |
| negative<br>(Test system: chromosome aberration assay (in vitro) / mammalian cells, Method: OECD 473, Source: test report)                                                                                                                                                                              |
| positive<br>The result for the other sex was negativ. The result the other examined time points was negativ.<br>(Test system: micro nucleus assay (in vivo), Species: MouseSex: male, Application Route: Oral, Exposure duration: 48 h, Cell type: erythrocytes, Method: OECD 474, Source: test report) |
| negative<br>(Test system: Rodent Dominant Lethal Test, Species: MouseSex: male and female, Application Route: Oral, Cell type: germ cells, Method: OECD 478, Source: test report)                                                                                                                       |

### 11.1.6 Carcinogenicity

#### Assessment:

No data known.

### 11.1.7 Reproductive toxicity

#### Assessment:

Based on the available data the criteria for classification as toxic to reproduction are not fulfilled.

#### Product details:

|                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reproductive Toxicity/Development/Teratogenicity                                                                                                                                                                                                               |
| NOAEL (developmental): 1000 mg/kg<br>NOAEL (maternal): 1000 mg/kg<br>(Test system: Developmental Toxicity Study, Species: Rat, Application Route: Oral, Route of administration: gavage, Frequency of Treatment: day 5 - 19 of gestation, Source: test report) |

### 11.1.8 Specific target organ toxicity - single exposure

#### Assessment:

No data known.

### 11.1.9 Specific target organ toxicity - repeated exposure

#### Assessment:

Based on the available data the criteria for classification as toxic after repeated exposure are not fulfilled.

#### Product details:

|                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Result/Effect                                                                                                                                                                                                                                                                                                                                                                                         |
| NOAEL: 200 mg/kg<br>LOAEL: 1000 mg/kg<br>Animal tests have shown no indications of impairment of fertility.<br>(Symptoms/Effect: Renal effects., Liver effects., Test system: Subchronic study, Species: RatApplication Route: Oral, Route of administration: gavage, Test period: 90 d, Frequency of Treatment: 7 d/w, Test substance: read-across substance, Method: OECD 408, Source: test report) |
| NOAEL: >= 1000 mg/kg<br>(Test system: Subacute study, Species: RatApplication Route: Oral, Route of administration: gavage, Test period: 28 d, Frequency of Treatment: 7 d/w, Method: OECD 407, Source: test report)                                                                                                                                                                                  |

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**11.1.10 Aspiration hazard****Assessment:**

No data known.

**11.2 Information on other hazards****11.2.1 Endocrine disrupting properties**

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.

**11.2.2 Further toxicological information**

Hydrolysis product / impurity: Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.

**SECTION 12: Ecological information****12.1 Toxicity****Assessment:**

Toxic to aquatic life with long lasting effects.

**Product details:**

| Result/Effect                             | Species/Test system                                            | Source                                          |
|-------------------------------------------|----------------------------------------------------------------|-------------------------------------------------|
| LC50: 35 mg/l (measured)                  | semi-static test<br>Oncorhynchus mykiss (rainbow trout) (96 h) | test report<br>OECD 203                         |
| EC50: 13 mg/l (measured)                  | static test<br>Daphnia magna (Water flea) (48 h)               | test report<br>OECD 202                         |
| EC50: 2,3 - 48 mg/l (measured)            | static test<br>Daphnia (water flea)                            | literature                                      |
| IC50 (Growth rate): 35 mg/l (nominal)     | static test<br>Desmodesmus subspicatus (green algae) (72 h)    | test report<br>OECD 201                         |
| NOEC (Growth rate): 12,5 mg/l (nominal)   | static test<br>Desmodesmus subspicatus (green algae) (72 h)    | test report<br>OECD 201                         |
| EC50 (Respiration inhibition): > 100 mg/l | activated sludge (3 h)                                         | test report (read-across substance)<br>OECD 209 |

**12.2 Persistence and degradability****Assessment:**

Contact with water liberates methanol and silanol- and/or siloxanol-compounds. Silanol- and/or siloxanol-compounds: Biologically not degradable. Methanol is readily biodegradable.

**Product details:****Biodegradation:**

| Result                                                                                                       | Test system/Method             | Source                   |
|--------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| 17 % / 28 d<br>Not readily biodegradable.<br>Rapid biological degradation of the organic hydrolysis product. | biological oxygen demand (BOD) | test report<br>OECD 301D |

**Hydrolysis:**

| Result          | Test system | Source                                          |
|-----------------|-------------|-------------------------------------------------|
| Half-life: 19 h | pH 7; 25 °C | test report (read-across substance)<br>OECD 111 |



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### 12.3 Bioaccumulative potential

#### Assessment:

No data known.

### 12.4 Mobility in soil

#### Assessment:

No data known.

### 12.5 Results of PBT and vPvB assessment

This product contains no substance considered to be persistent, bioaccumulating and toxic (PBT) above the threshold limits.

### 12.6 Endocrine disrupting properties

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

none known

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### 13.1.1 Material

##### Recommendation:

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

#### 13.1.2 Uncleaned packaging

##### Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

#### 13.1.3 Waste Disposal Legislation Ref.No.(EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

## SECTION 14: Transport information

### 14.1 – 14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

#### Road ADR:

Valuation .....: Dangerous Goods

14.1 UN no. ....: 3082

14.2 Proper Shipping Name .....: Umweltgefährdender Stoff, flüssig, n.a.g. (Cyclohexyldimethoxymethylsilan)

14.2 Proper Shipping Name (national) ....: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Cyclohexyldimethoxymethylsilane)

14.3 Class .....: 9

14.4 Packaging Group .....: III

#### Railway RID:

Valuation .....: Dangerous Goods

14.1 UN no. ....: 3082

14.2 Proper Shipping Name .....: Umweltgefährdender Stoff, flüssig, n.a.g. (Cyclohexyldimethoxymethylsilan)

14.2 Proper Shipping Name (national) ....: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Cyclohexyldimethoxymethylsilane)

14.3 Class .....: 9

14.4 Packaging Group .....: III



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### Transport by sea IMDG-Code:

Valuation .....: Dangerous Goods  
 14.1 UN no. ....: 3082  
 14.2 Proper Shipping Name .....: Environmentally hazardous substance, liquid, n.o.s.  
 (Cyclohexyldimethoxymethylsilane)  
 14.3 Class .....: 9  
 14.4 Packaging Group .....: III

### Air transport ICAO-TI/IATA-DGR:

Valuation .....: Dangerous Goods  
 14.1 UN no. ....: 3082  
 14.2 Proper Shipping Name .....: Environmentally hazardous substance, liquid, n.o.s.  
 (Cyclohexyldimethoxymethylsilane)  
 14.3 Class .....: 9  
 14.4 Packaging Group .....: III

### 14.5 Environmental hazards

Hazardous to the environment: yes  
 Marine Pollutant (IMDG): yes

### 14.6 Special precautions for user

Relevant information in other sections has to be considered.

### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Bulk transport in tankers is not intended.

## SECTION 15: Regulatory information

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

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

**Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances (Seveso III):**

| Listed in Directive   | Ser. number in list | Qualifying Quantity<br>1 | Qualifying Quantity 2 |
|-----------------------|---------------------|--------------------------|-----------------------|
| ENVIRONMENTAL HAZARDS | E2                  | 200 t                    | 500 t                 |

### Other specifications, restrictions and prohibitions:

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX I. RESTRICTED EXPLOSIVES PRECURSORS: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX II. REPORTABLE EXPLOSIVES PRECURSORS: Not applicable

### Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

Japan .....: **ENCS** (Handbook of Existing and New Chemical Substances):  
 This product is listed in, or complies with, the substance inventory.  
 Australia .....: **AIIC** (Australian Inventory of Industrial Chemicals):  
 This product is listed in, or complies with, the substance inventory.  
 China.....: **IECSC** (Inventory of Existing Chemical Substances in China):  
 This product is listed in, or complies with, the substance inventory.  
 Canada .....: **DSL** (Domestic Substance List):  
 This product is listed in, or complies with, the substance inventory.  
 Philippines.....: **PICCS** (Philippine Inventory of Chemicals and Chemical Substances):  
 This product is listed in, or complies with, the substance inventory.



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|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| United States of America (USA).....   | <b>TSCA</b> (Toxic Substance Control Act Chemical Substance Inventory):<br>All components of this product are listed as active or are in compliance with the substance inventory.                                                                                                                                                                                                                                                                                                                  |
| Taiwan .....                          | <b>TCSI</b> (Taiwan Chemical Substance Inventory):<br>This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation. |
| European Economic Area (EEA).....     | <b>REACH</b> (Regulation (EC) No 1907/2006):<br>General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.                                                                                                                |
| South Korea (Republic of Korea) ..... | <b>AREC</b> (Act on Registration and Evaluation of Chemicals; "K-REACH"):<br>Please approach your regular contact for more detailed information.                                                                                                                                                                                                                                                                                                                                                   |

### 15.2 Chemical safety assessment

For this product, a chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has been carried out.

## SECTION 16: Other information

### 16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

WACKER restricts the use of its products inside the human body or in contact with bodily fluids and mucosa. For further details please review our Health Care Policy on [www.wacker.com](http://www.wacker.com). WACKER may cancel any delivery obligation(s) if the Health Care Policy is not observed.

### 16.2 Identified uses (REACH)

#### General information:

Please send requests for additional uses or for extension of exposure scenarios to the following e-mail address: REACH-USES@wacker.com

All identified uses have been summarized tabularly. The uses are linked to the subsequently described exposure scenarios by the sequential exposure scenario number given in the table.

#### Identified uses with exposure scenarios:

Conditions for safe use, and - if applicable - a more detailed specification of the categories, can be found in related the exposure scenarios (ES) which are indicated in the right column.

Please note: Exposure scenarios usually are based only on single registered substances and their uses. Mixtures might contain other hazardous substances which require additional measures.

|                                                                                  |        |
|----------------------------------------------------------------------------------|--------|
| Use of dry catalysts; industrial                                                 | ES No. |
| SU 3 – ERC2, ERC6b – PROC1, PROC2, PROC3, PROC8b – SU9, SU 10, SU11 – PC20, PC32 | 1      |
| Use as laboratory reagent; industrial                                            | ES No. |
| SU 3 – PROC15 – SU24 – PC21                                                      | 2      |

### 16.3 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

**WACKER****Safety Data Sheet (1907/2006/EC)****Material: 60003430****WACKER® SILANE CHM-DIMETHOXY**

Version 1.1 (GHS\_EU)

Print Date 21.02.2024

Date of last alteration: 09.11.2022

**Key or legend to abbreviations and acronyms used in the safety data sheet**

ABEK - Multi-Range Filter A, B, E, K; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; APF - Assigned Protection Factor; CAS No. - Chemical Abstracts Service Registry Number; DFG - German Research Foundation; DIN - German institute for standardization; DOC - Dissolved Organic Carbon; d/w - days per week; EC / CE / EG - European Community; EC50 / CE50 - Median effective concentration; ECHA - European Chemicals Agency; ED - endocrine disruptor; EG-RL - test method according to Regulation 440/2008; EN - European Standard; ERC - Environmental Release Category; g/cm<sup>3</sup> - gram per cubic centimeter; h - hour(s); H-Code - hazard statement code(s); hPa - Hectopascal; IATA Regs - International Air Transport Association (IATA) Dangerous Goods Regulations; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 / CI50 - half maximal inhibitory concentration; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IMDG Code - International Maritime Dangerous Goods Code; ISO - International Organization for Standardization; LC50 / CL50 - medium lethal concentration; LD50 / DL50 - medium lethal dose; LOAEC - Lowest Observed Adverse Effect Concentration; LOAEL - Lowest Observed Adverse Effect Level; MARPOL - International Convention for the Prevention of Marine Pollution from Ships; mg/g - milligrams per gram; mg/kg - milligrams per kilogram; mg/l - milligrams per liter; mg/m<sup>3</sup> - milligrams per cubic meter; min - minutes; mJ - millijoule; mm - millimeter; mm<sup>2</sup>/s - square millimeter per second; mPa.s - Millipascal second(s); MSDS / SDB / SDS - safety data sheet; No Observed Adverse Effect Concentration; NOAEL - No Observed adverse effect level; NOEC - No Observed Effect Concentration; NOEL - No Observed Effect Level; OECD - Organization for Economic Cooperation and Development; PBT - persistent, bioaccumulative, toxic; PC - product category; P-Code - precautionary statement code(s); ppm - parts per million; PROC - process category; RCP - reciprocal calculation-based procedure; RID - convention concerning international carriage by rail; SU - sector of use; SVHC - substance of very high concern; Vol% - volume percent; UN No. - United Nations Dangerous Goods Number; vPvB - very Persistent, very Bioaccumulative

Explanation of the GHS classification code:

Skin Irrit. 2; H315 .....: Skin corrosion/irritation Category 2; Causes skin irritation.

Aquatic Chronic 2; H411 : Long-term (chronic) aquatic hazard Category 2; Toxic to aquatic life with long lasting effects.

**This safety data sheet contains an annex on the following pages. (Annex to the Safety Data Sheet According to Article 31(7) of Regulation 1907/2006/EC (REACH))**

**WACKER****Safety Data Sheet (1907/2006/EC)**

Material: 60003430

WACKER® SILANE CHM-DIMETHOXY

Version 1.1 (GHS\_EU)

Print Date 21.02.2024

Date of last alteration: 09.11.2022

**ES1 Use of dry catalysts; industrial****1. Processes and activities covered by this description****Relevant use descriptors for this scenario:****SU 3:** Industrial uses: Uses of substances as such or in preparations at industrial sites**ERC2:** Formulation of preparations; **ERC6b:** Industrial use of reactive processing aids**PROC1:** Use in closed process, no likelihood of exposure; **PROC2:** Use in closed, continuous process with occasional controlled exposure; **PROC3:** Use in closed batch process (synthesis or formulation); **PROC8b:** Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at dedicated facilities**SU8:** Manufacture of bulk, large scale chemicals (including petroleum products); **SU 10:** Formulation [mixing] of preparations and/ or re-packaging (excluding alloys); **SU11:** Manufacture of rubber products**PC20:** Products such as pH-regulators, flocculants, precipitants, neutralization agents; **PC32:** Polymer preparations and compounds**Concentration of substance in preparation/mixture or article:**

The exposure scenario is based on the following ingredients:

Cyclohexyldimethoxymethylsilane

Relevant substance concentrations are given in the contributing scenarios. Unless otherwise stated, values in the exposure scenarios are related to the following substances, and not to the complete product.

**2. Exposure scenarios****2.1 Contributing scenario controlling environmental exposure:****ERC2; ERC6b****Concentration of substance in preparation/mixture or article:**

&lt;=100% Cyclohexyldimethoxymethylsilane

**Amounts used:**

Annual amount per site ..... : 60 t

**Environment factors not influenced by risk management:**

Receiving Surface Water (Flow Rate): 18.000 m³/day

Dilution factor (river)..... : 10

Dilution factor (coastal areas) ..... : 100

**Other given operational conditions affecting environmental exposure:**

Emission days per year..... : 300

Emission or release factor ..... : 0,025 % (Air)

Emission or release factor ..... : 0,035 % (Water)

**Conditions and measures related to sewage treatment plant:**

STP type ..... : default-sized municipal WWTP

STP effluent ..... : 2.000 m³/day

Sludge treatment..... : Recovery for agriculture or horticulture can not be excluded.

**Conditions and measures related to external treatment of waste for disposal:**

Solid wastes are ultimately disposed of via landfill or incineration.

**2.2 Contributing scenario controlling worker exposure:****PROC1****Concentration of substance in preparation/mixture or article:**

&lt;1% Cyclohexyldimethoxymethylsilane

**Physical state during application:**

liquid

Vapour pressure ..... : 63 Pa

**Amounts used:**

Not of relevance.



## Safety Data Sheet (1907/2006/EC)

Material: 60003430

WACKER® SILANE CHM-DIMETHOXY

Version 1.1 (GHS\_EU)

Print Date 21.02.2024

Date of last alteration: 09.11.2022

### Duration and frequency of use:

Exposure time ..... : 240 min; per shift

### Risk management measures related to human health (worker):

Wear suitable gloves tested to EN374.

Wear eye/face protection.

### 2.3 Contributing scenario controlling worker exposure: PROC2

#### Concentration of substance in preparation/mixture or article:

&lt;1% Cyclohexyldimethoxymethylsilane

#### Physical state during application:

liquid

Vapour pressure ..... : 63 Pa

#### Amounts used:

Not of relevance.

### Duration and frequency of use:

Exposure time ..... : 15 min; per shift

### Risk management measures related to human health (worker):

Wear suitable gloves tested to EN374.

Wear eye/face protection.

### 2.4 Contributing scenario controlling worker exposure: PROC3

#### Concentration of substance in preparation/mixture or article:

&lt;=25% Cyclohexyldimethoxymethylsilane

#### Physical state during application:

liquid

Vapour pressure ..... : 63 Pa

#### Amounts used:

Not of relevance.

### Duration and frequency of use:

Exposure time ..... : 15 min; per shift

### Risk management measures related to human health (worker):

Local exhaust ventilation required. (Effectiveness: 90 %)

Wear suitable gloves tested to EN374.

Wear eye/face protection.

### 2.5 Contributing scenario controlling worker exposure: PROC8b

#### Concentration of substance in preparation/mixture or article:

&lt;=100% Cyclohexyldimethoxymethylsilane

#### Physical state during application:

liquid

Vapour pressure ..... : 63 Pa

#### Amounts used:



## Safety Data Sheet (1907/2006/EC)

Material: 60003430

WACKER® SILANE CHM-DIMETHOXY

Version 1.1 (GHS\_EU)

Print Date 21.02.2024

Date of last alteration: 09.11.2022

Not of relevance.

### Duration and frequency of use:

Exposure time ..... : 60 min; per shift

### Risk management measures related to human health (worker):

Local exhaust ventilation required. (Effectiveness: 97 %)

Wear suitable gloves tested to EN374.

Wear eye/face protection.

### 3. Exposure estimation and reference to its source

DNEL and PNEC values of relevant ingredients are given in section 8 of the main part of this document.

Small numeric values in the scenario may be rounded for technical reasons.

Unless otherwise specified in the scenario, default parameters of the methods and conditions have been used.

For each type of exposure usually only the most critical value is given, without differentiation between, e.g., short term and long term exposure.

For a complete exposure estimation, the values for different routes of exposure and activities may have to be summed up.

RCR = Risk Characterization Ratio

| Exposure type           | Specific conditions | Level of exposure        | RCR      | Method          |
|-------------------------|---------------------|--------------------------|----------|-----------------|
| freshwater              | -                   | 0,0016 mg/l              | 0,12     | EUSES 2.1.1     |
| marine water            | -                   | 0,00035 mg/l             | 0,27     | EUSES 2.1.1     |
| Sediment (freshwater)   | -                   | 0,64 mg/kg dry mass      | 0,12     | EUSES 2.1.1     |
| Sediment (marine water) | -                   | 0,14 mg/kg dry mass      | 0,27     | EUSES 2.1.1     |
| Soil                    | -                   | 0,0052 mg/kg dry mass    | 0,0057   | EUSES 2.1.1     |
| sewage treatment plant  | -                   | 0,016 mg/l               | 0,0016   | EUSES 2.1.1     |
| dermal, long-term       | PROC 1.             | 0,0034 mg/kg/day         | 0,00024  | ECETOC TRA v2.0 |
| inhalative, long-term   | PROC 1.             | 0,0078 mg/m <sup>3</sup> | 0,000079 | ECETOC TRA v2.0 |
| dermal, long-term       | PROC 2.             | 0,014 mg/kg/day          | 0,0010   | ECETOC TRA v2.0 |
| inhalative, long-term   | PROC 2.             | 0,078 mg/m <sup>3</sup>  | 0,00079  | ECETOC TRA v2.0 |
| dermal, long-term       | PROC 3.             | 0,0085 mg/kg/day         | 0,00061  | ECETOC TRA v2.0 |
| inhalative, long-term   | PROC 3.             | 0,14 mg/m <sup>3</sup>   | 0,0014   | ECETOC TRA v2.0 |
| dermal, long-term       | PROC 8b.            | 0,69 mg/kg/day           | 0,049    | ECETOC TRA v2.0 |
| inhalative, long-term   | PROC 8b.            | 0,71 mg/m <sup>3</sup>   | 0,0072   | ECETOC TRA v2.0 |

### 4. Evaluation guidance to downstream user

no data available .

**WACKER****Safety Data Sheet (1907/2006/EC)**

Material: 60003430

WACKER® SILANE CHM-DIMETHOXY

Version 1.1 (GHS\_EU)

Print Date 21.02.2024

Date of last alteration: 09.11.2022

**ES2 Use as laboratory reagent; industrial****1. Processes and activities covered by this description****Relevant use descriptors for this scenario:****SU 3:** Industrial uses: Uses of substances as such or in preparations at industrial sites**PROC15:** Use as laboratory reagent**SU24:** Scientific research and development**PC21:** Laboratory chemicals**Concentration of substance in preparation/mixture or article:**

The exposure scenario is based on the following ingredients:

Cyclohexyldimethoxymethylsilane

Relevant substance concentrations are given in the contributing scenarios. Unless otherwise stated, values in the exposure scenarios are related to the following substances, and not to the complete product.

**2. Exposure scenarios****2.1 Contributing scenario controlling environmental exposure****Concentration of substance in preparation/mixture or article:**

&lt;=100% Cyclohexyldimethoxymethylsilane

**Amounts used:**

Assessment of environmental exposure is not appropriate. Rationale: The amounts used are of such small scale, that releases to the environment are of negligible volume.

**2.2 Contributing scenario controlling worker exposure:****PROC15****Concentration of substance in preparation/mixture or article:**

&lt;=100% Cyclohexyldimethoxymethylsilane

**Physical state during application:**

liquid

Vapour pressure ..... : 63 Pa

**Amounts used:**

Not of relevance.

**Duration and frequency of use:**

Exposure time ..... : 60 min; per shift

**Risk management measures related to human health (worker):**

Local exhaust ventilation required. (Effectiveness: 90 %)

Wear suitable gloves tested to EN374.

Wear eye/face protection.

**3. Exposure estimation and reference to its source**

DNEL and PNEC values of relevant ingredients are given in section 8 of the main part of this document.

Small numeric values in the scenario may be rounded for technical reasons.

Unless otherwise specified in the scenario, default parameters of the methods and conditions have been used.

For each type of exposure usually only the most critical value is given, without differentiation between, e.g., short term and long term exposure.

For a complete exposure estimation, the values for different routes of exposure and activities may have to be summed up.

RCR = Risk Characterization Ratio

| Exposure type         | Specific conditions | Level of exposure     | RCR    | Method          |
|-----------------------|---------------------|-----------------------|--------|-----------------|
| dermal, long-term     | PROC 15.            | 0,034 mg/kg/day       | 0,0024 | ECETOC TRA v2.0 |
| inhalative, long-term | PROC 15.            | 2,4 mg/m <sup>3</sup> | 0,024  | ECETOC TRA v2.0 |



## Safety Data Sheet (1907/2006/EC)

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Material: 60003430

WACKER® SILANE CHM-DIMETHOXY

Version 1.1 (GHS\_EU)

Print Date 21.02.2024

Date of last alteration: 09.11.2022

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**4. Evaluation guidance to downstream user**

no data available .

**- End of Safety Data Sheet -**

Shipper  
LEXZAU, SCHARBAU GMBH & CO. KG  
KAP-HORN-STR. 18, 28237 BREMEN,  
GERMANY, TAX ID: DE 114624125

B/L No.  
ALM252114



SACO SHIPPING LINE LTD

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

4/03/BRE/526802

Copy

Consigned to order of  
LESCHACO MEXICANA,S.A. DE C.V.  
BLVD. MANUEL AVILA CAMACHO  
NO. 88-PISO 8  
COL. LOMAS DE CHAPULTEPEC  
11000 MEXICO, D.F., MEXICO  
\*\*)

Notify Party and address  
SAME AS CONSIGNEE

\*\* ) RFC: LME980116R15  
TEL.: +52(55)59550000

|                                                        |                                   |                                                                                                                                                                                                                                                                                               |                                                                                          |
|--------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                        |                                   | Place of receipt<br>CFS BREMEN                                                                                                                                                                                                                                                                |                                                                                          |
| Ocean vessel<br>TOKYO EXPRESS                          |                                   | Port of loading<br>HAMBURG                                                                                                                                                                                                                                                                    |                                                                                          |
| Port of discharge<br>ALTAMIRA                          | Place of delivery<br>CFS ALTAMIRA |                                                                                                                                                                                                                                                                                               | Freight payable<br>BREMEN                                                                |
|                                                        |                                   | Number of original Bills of Lading<br>0/ZERO                                                                                                                                                                                                                                                  |                                                                                          |
| Marks and Nos.<br>0028579940<br>0011678249<br>ALTAMIRA | Quantity of Goods<br>4 PALLETS    | Description of Goods<br>40 COMPOSITE DRUMS UN 6HA1<br>WACKER SILANE<br>CHM-DIMETHOXY<br>25KG CANISTER RD ST<br>HS CODE: 29319000<br>UN 3082, ENVIRONMENTALLY<br>HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S. (CYCLOHEXYL<br>DIMETHOXYMETHYLSILANE), 9,<br>III, (+76.00 C C.C.),<br>MARINE POLLUTANT | Said to contain<br>Gross weight, kg.<br>1208,000<br>Measurement, m <sup>3</sup><br>2,726 |

STOWED INTO CONTAINER NO.: TRHU7056870

SEAL : K434799

**TOTAL** **4 PALLETS** **1208,000 KGS** **2,726 CBM**

EFREIGHT 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.  
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;

- 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  
BREMEN 15.03.2024

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Bürgermeister-Smidt-Str. 128  
28195 Bremen  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Shipper  
NGL NAVIGATOR GLOBAL LOGISTICS GMBH  
FELIX-WANKEL-STRASSE 3  
STUHR NI 28816 GERMANY

TAX ID DE814839526

B/L No.  
ALM252115 - A



SACO SHIPPING LINE LTD

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

4/03/BRE/526808

Copy

Consigned to order of  
NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L  
DE C.V.  
CALZADA ZA VALETA 1306 SANTA CRUZ  
BUENAVISTA  
PUEBLA PUE 72150 MEXICO

Notify Party and address  
SAME AS CONSIGNEE

+522225036510  
SEA@NGL-MEXICO.COM

RFC+NNG201012KD4

|                                       |                                     |                                |                                              |                   |                 |
|---------------------------------------|-------------------------------------|--------------------------------|----------------------------------------------|-------------------|-----------------|
|                                       |                                     | Place of receipt<br>BREMEN CFS |                                              |                   |                 |
| Ocean vessel<br>TOKYO EXPRESS         | Port of loading<br>HAMBURG, GERMANY |                                |                                              |                   |                 |
| Port of discharge<br>ALTAMIRA, MEXICO | Place of delivery<br>ALTAMIRA CFS   | Freight payable<br>BREMEN      | 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, m³ |

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.  
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 15.03.2024

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Bürgermeister-Smidt-Str. 128  
28195 Bremen  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



| Marks and Nos.                                                                                                                                                                       | Quantity of Goods | Description of Goods                      | Said to contain | Gross weight, kg.    | Measurement, m <sup>3</sup> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------|-----------------|----------------------|-----------------------------|
| PO LIGHTING MEXICO<br>S. DE R.L. DE C.V.<br>REF.: EV 24/0000264<br>STOWED INTO CONTAINER NO.: GAOU6517413                                                                            | 1 PALLET          | MOTOR CAR ACCESSORIES<br>HS-CODE: 870829  |                 | 259,500              | 1,500                       |
|                                                                                                                                                                                      |                   |                                           |                 | SEAL : WWA01-0239791 |                             |
| INVOICE V724-00017<br>STOWED INTO CONTAINER NO.: GAOU6517413                                                                                                                         | 1 PALLET          | MOTOR CAR ACCESSORIES<br>HS-CODE: 853400  |                 | 48,650               | 0,432                       |
|                                                                                                                                                                                      |                   |                                           |                 | SEAL : WWA01-0239791 |                             |
| INVOICE 320240041<br>STOWED INTO CONTAINER NO.: GAOU6517413                                                                                                                          | 3 PALLETS         | MOTOR CAR ACCESSORIES<br>HS-CODE: 853400  |                 | 150,000              | 0,432                       |
|                                                                                                                                                                                      |                   |                                           |                 | SEAL : WWA01-0239791 |                             |
| PO LIGHTING MEXICO<br>DN: 24171<br>STOWED INTO CONTAINER NO.: GAOU6517413                                                                                                            | 1 PALLET          | AUTOMOTIVE SPARE PARTS<br>HS-CODE: 392690 |                 | 72,000               | 0,720                       |
|                                                                                                                                                                                      |                   |                                           |                 | SEAL : WWA01-0239791 |                             |
| PO LIGHTING MEXIC<br>O S. DE R.L DE C.V.<br>AVE PARQUE IND MO<br>NTERREY 608<br>66603 APODACA NUE<br>VO LEON<br>MEXICO<br>INVOICE EM807102<br>STOWED INTO CONTAINER NO.: TRHU7056870 | 10 PALLETS        | MOTOR CAR ACCESSORIES<br>HS-CODE: 853400  |                 | 685,300              | 12,115                      |
|                                                                                                                                                                                      |                   |                                           |                 | SEAL : K434799       |                             |
| <b>TOTAL</b>                                                                                                                                                                         | <b>16 PALLET</b>  |                                           |                 | <b>1215,450 KGS</b>  | <b>15,199 CBM</b>           |

- A

## MULTI MODAL DANGEROUS GOODS FORM

This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, Chapter VII, regulation 4;

MARPOL 73/78, Annex III, regulation 4

| <b>Shipper/Consignor/Sende</b> Wacker Chemie AG<br>Hanns-Seidel-Platz 4<br>81737 München<br>Germany                                                                                                                                                                                                                                                                                       | <b>Page 1 of 1 Pages</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Freight Forwarder's referen</b> 240313240074 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--|
| <b>Consignee</b> WACKER MEXICANA SA DE CV<br>COLONIA TIZAPAN<br>AV. INSURGENTES SUR TORRE MURANO<br>01090 CIUDAD DE MEXICO<br>Mexico                                                                                                                                                                                                                                                      | <b>Carrier</b> Saco Shipping Line, Limassol |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                           | <b>Vessel</b> Tokyo Express (008W)          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Port of loading</b><br>Hamburg               |  |
| <b>CONTAINER/VEHICLE PACKING CERTIFICATE</b><br>I hereby declare that the goods described below have been packed/loaded into the container/vehicle identified below in accordance with the applicable provisions.<br>MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE<br><br>Name/status, company<br><br>Place and Date:<br><br><br>Signature of packer |                                             | <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.<br><br>Name/status, company<br>Lexzau, Scharbau on behalf of Wacker Chemie, München<br>Place and Date: Hamburg / Bremen 22.02.2024<br><i>T. Liberoudis T. Glaubke</i><br><br>Signature on behalf of shipper Thomas Liberoudis / Timo Glaubke |                                                 |  |
| No.                                                                                                                                                                                                                                                                                                                                                                                       | Number & kind of packages                   | Description of goods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Gross mass                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                           | 1) 1 pallet<br>= 4 steel drums UN 1A1       | pallet weight: 25,000 kg<br><br>Gross weight:<br><br>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANC<br>LIQUID, N.O.S. (DICYCLOPENTYLDIMETHOXYLANE),<br>III, (+100,0°C c.c.), MARINE POLLUTANT, EmS: F-A,S-F<br>Emergency Contact: Wacker Chemie AG<br>via Chemtrec (CCN202412)<br>24-hours no. +1-800-424-9300<br>24-hours no. +49-8677-832222<br>via TUIS Emergency Call Center<br>+49 621 60-4333<br><br>Cargo gross/net weight: 826,120kg / 760,000kg                                                                                                                                                           | 826,120 kg                                      |  |

**WACKER****Safety Data Sheet (1907/2006/EC)**

Material: 60008215

WACKER® SILANE CP2-DIMETHOXY

Version 1.1 (GHS\_EU)

Print Date 21.02.2024

Date of last alteration: 09.11.2022

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Commercial product name:** WACKER® SILANE CP2-DIMETHOXY

Product identifier: Dicyclopentyl dimethoxy silane

CAS No.: 126990-35-0

EC-No.: 404-370-8

Index-No.: 014-032-00-8

REACH registration number: 01-0000015395-68-0007

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

Use of substance / preparation:

Industrial.

Intermediate chemical

For this product, uses according to REACH have been identified. To provide a better readability, more specific information on uses is given in section 16.

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

Manufacturer/distributor: Wacker Chemie AG  
 Street/POB-No.: Hanns-Seidel-Platz 4  
 State/postal code/city: D 81737 München  
 Telephone: +49 89 6279-0

Information about the Safety Data Sheet: Telephone +49 8677 83-4888  
 eMail WLCP-MSDS@wacker.com

**1.4 Emergency telephone number**

Emergency Information: Europe **+44 1235 239670**

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008:

| Classification                                 | H-Code |
|------------------------------------------------|--------|
| Skin corrosion/irritation, Category 2          | H315   |
| Long-term (chronic) aquatic hazard, Category 1 | H410   |
| Short-term (acute) aquatic hazard, Category 1  | H400   |
| Serious eye damage/eye irritation, Category 1  | H318   |

**2.2 Label elements**

Labelling according to Regulation (EC) No. 1272/2008:

Pictogram(s):



Signal Word: Danger

| H-Code | Hazard Statements                                     |
|--------|-------------------------------------------------------|
| H315   | Causes skin irritation.                               |
| H318   | Causes serious eye damage.                            |
| H410   | Very toxic to aquatic life with long lasting effects. |

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| P-Code                          | Precautionary Statements                                                                                                         |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| P280                            | Wear protective gloves/ protective clothing/ eye protection/ face protection.                                                    |
| P273                            | Avoid release to the environment.                                                                                                |
| P391                            | Collect spillage.                                                                                                                |
| P302 + P352                     | IF ON SKIN: Wash with plenty of soap and water.                                                                                  |
| P332 + P313                     | If skin irritation occurs: Get medical advice/ attention.                                                                        |
| 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/ doctor.                                                                                        |
| P501                            | Dispose of contents/container to waste disposal.                                                                                 |
| Hazard ingredients (labelling): |                                                                                                                                  |
| Dicyclopentyl dimethoxy silane  |                                                                                                                                  |

EC-No.: 404-370-8

**2.3 Other hazards**

Product can release hydrogen. Risk of hydrogen gas formation with water, alcohols, acids, metallic salts, amines and alkalis. In combination with oxygen, the released hydrogen can form oxyhydrogen. The product hydrolyses under formation of methanol (CAS-Nr. 67-56-1). Methanol is classified concerning both physical and health hazards. The hydrolysis rate and consequently the relevance for the hazard profile of the product is strongly dependent on the specific conditions.

Endocrine disrupting properties - human health: 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.

Endocrine disrupting properties - environment: 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.

**SECTION 3: Composition/information on ingredients****3.1 Substances****3.1.1 Chemical characteristics**

CAS No.: 126990-35-0

organosilane

**3.1.2 Hazardous ingredients**

|                                                            |     |                                                                                           |                         |
|------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------|-------------------------|
| Dicyclopentyl dimethoxy silane                             |     | <=100 %                                                                                   |                         |
| CAS-No.: 126990-35-0                                       |     | EC-No.: 404-370-8                                                                         | Index-No.: 014-032-00-8 |
| INHA                                                       | [1] | REACH No.: 01-0000015395-68                                                               |                         |
| Classification according to Regulation (EC) No. 1272/2008* |     | Aquatic Acute 1 / H400; Aquatic Chronic 1 / H410; Eye Dam. 1 / H318; Skin Irrit. 2 / H315 |                         |
|                                                            |     | M-Factor, Acute = 1                                                                       |                         |
|                                                            |     | M-Factor, Chronic = 1                                                                     |                         |

Type: INHA: ingredient, VERU: impurity

REACH registered substances may be included as impurities. These do not necessarily require identified uses and exposure scenarios in the safety data sheet.

[1] = Hazardous or environmentally harmful substance; [2] = substance with a Community workplace exposure limit; [3] = PBT substance; [4] = vPvB substance; [5] = Endocrine disrupting properties

\*Classification codes are explained in section 16.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above  $\geq 0.1\%$ .

**3.2 Mixtures**

not applicable

**SECTION 4: First aid measures**



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### 4.1 Description of first aid measures

**General information:**

Take persons to a safe place. Observe self-protection for first aid. Seek medical advice in the event of contact with this substance.

**After contact with the eyes:**

Rinse immediately with plenty of water for 10-15 minutes. Keep eyelids well open to rinse the whole eye surface and eyelids with water. Continue to bathe eyes during transport to medical practitioner. Seek medical advice immediately and clearly identify substance.

**After contact with the skin:**

Remove contaminated or soaked clothing. Wash off with plenty of water or water and soap immediately for 10-15 minutes. In serious cases, use emergency shower immediately. Seek medical advice and clearly identify substance.

**After inhalation:**

Keep the patient calm. Protect against loss of body heat. Seek medical advice and clearly identify substance.

**After swallowing:**

If conscious, give several small portions of water to drink. Do not induce vomiting. Seek medical advice and clearly identify substance.

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

Any relevant information can be found in other parts of this section.

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

Further toxicology information in section 11 must be observed.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:**

Fires can be controlled with water spray, foam or carbon dioxide. Larger fires are best fought with alcohol-resistant aqueous film forming foam (AFFF-AR).

**Extinguishing media which must not be used for safety reasons:**

water jet , extinguishing powder , halones .

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

Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: toxic and very toxic fumes . With the use of water-based extinguishing agents care is required because hydrogen can be released, which accumulates after extinguishing the fire in poorly ventilated or confined areas and may refire or cause an explosion. Foam carpets may also include hydrogen or flammable vapors, which can lead to surface bursts. Remove sources of ignition during cleaning and absorbing.

### 5.3 Advice for firefighters

**Special protective equipment for fire fighting:**

Use respiratory protection independent of recirculated air. Keep unprotected persons away.

**General information:**

Fires involving SiH polysiloxane materials can be difficult to extinguish under certain circumstances.

## SECTION 6: Accidental release measures

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

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.

### 6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.



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

Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. Use only air driven or properly rated electrical equipment. Use vented recovery containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

#### Further information:

Exhaust vapours. Eliminate all sources of ignition. Consider explosion protection. Material designated for disposal must be segregated from incompatible substances or materials specified in Sect. 10. Do not blend contaminated material with uncontaminated material. Do not seal collecting vessel gas-tight. Observe notes under section 7.

### 6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Precautions for safe handling:

Ensure adequate ventilation. Must be syphoned off in situ. Open and handle container with care. Keep container closed when not in use. Keep away from incompatible substances in accordance with section 10. Where possible, inert process equipment and blanket vessels, tanks and containers with nitrogen to reduce the available oxygen level. Contact WACKER for additional publications on the safe Handling of SiH Products. Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Spilled substance increases risk of slipping. Observe information in section 8.

#### Precautions against fire and explosion:

Product can release hydrogen. Product can separate methanol. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water.

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

#### Conditions for storage rooms and vessels:

Do not store in virgin glass containers with basic surface. Observe local/state/federal regulations.

#### Advice for storage of incompatible materials:

Do not store with: basic substances (e.g. alkalis, ammonia, amines) , oxidizing agents , strong acids . Observe local/state/federal regulations.

#### Further information for storage:

Store in a dry and cool place. Protect against moisture. Store container in a well ventilated place.

### 7.3 Specific end use(s)

No data available.

If the annex to this safety data sheet contains exposure scenarios for end uses, the information provided therein has to be observed.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Maximum airborne concentrations at the workplace:

| Substance | Type | mg/m <sup>3</sup> | ppm   | Dust fract. | Fibre/m <sup>3</sup> |
|-----------|------|-------------------|-------|-------------|----------------------|
| Methanol  | EU   | 260,0             | 200,0 |             |                      |
| -         |      |                   |       |             |                      |

#### Derived No-Effect Level (DNEL):

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**Dicyclopentyl dimethoxy silane**

| Area of use:                                                 | Value:               |
|--------------------------------------------------------------|----------------------|
| Worker; dermal; systemic (acute) systemic (long term)        | 2,3 mg/kg bw/day     |
| Worker; by inhalation; systemic (acute) systemic (long term) | 16 mg/m <sup>3</sup> |
| Consumer; oral; systemic (long term)                         | 1 mg/kg bw/day       |

**Predicted No Effect Concentration (PNEC):****Dicyclopentyl dimethoxy silane**

| Area of use:            | Value:              |
|-------------------------|---------------------|
| freshwater              | 0,0029 mg/l         |
| marine water            | 0,0003 mg/l         |
| Intermittent release    | 0,029 mg/l          |
| Sediment (freshwater)   | 7,3 mg/kg dry mass  |
| Sediment (marine water) | 0,73 mg/kg dry mass |
| Soil                    | 1,5 mg/kg dry mass  |
| sewage treatment plant  | 10 mg/l             |
| Secondary poisoning     | 33,3 mg/kg food     |

**8.2 Exposure controls****8.2.1 Exposure in the work place limited and controlled****General protection and hygiene measures:**

Observe standard industrial hygiene practices for the handling of chemical substances. Do not inhale gases/vapours/aerosols. Use with adequate ventilation. Avoid contact with eyes and skin. Preventive skin protection recommended. Remove contaminated, soaked clothing immediately. Clean work areas regularly. Provide emergency shower and eye-bath. Do not eat, drink or smoke when handling. Keep away from foodstuff, drink and feedingstuff.

**Further information for system design and engineering measures**

Observe information in section 7. Observe national regulatory requirements.

**Personal protection equipment:****Respiratory protection**

If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136. Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.

Recommended Filter type: Combined filter type ABEK-P2 (certain inorganic, organic and acidic gases and vapors; ammonia/amines; particles), according to acknowledged standards such as EN 14387

Observe the equipment manufacturer's information and wear time limits for respirators.

**Eye protection**

tight fitting protective goggles .

**Hand protection**

Protective gloves are required at all times when handling the material, according to recognized standards such as EN374.

Recommended glove types: Protective gloves made of butyl rubber

thickness of the material: > 0,3 mm

Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of nitrile rubber

thickness of the material: > 0,4 mm

Breakthrough time: 10 - 30 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.



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### Skin protection

If handled uncovered: Chemical protective clothing, full-body liquid-tight protection if necessary. Please observe the instructions regarding permeability time which are provided by the supplier.

### 8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters, drains or sewers and soil.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| Property:                                    | Value:                                        | Method:     |
|----------------------------------------------|-----------------------------------------------|-------------|
| Physical state.....                          | liquid                                        |             |
| Colour .....                                 | colourless                                    |             |
| Odour .....                                  | faint                                         |             |
| Odour Threshold .....                        | no data available                             |             |
| Melting point.....                           | < -38 °C                                      |             |
| Boiling point/boiling range .....            | 257 °C at 1013 hPa                            |             |
| Lower explosion limit .....                  | not applicable                                |             |
| Upper explosion limit .....                  | not applicable                                |             |
| Flash point.....                             | > 100 °C                                      | (ISO 2719)  |
| Ignition temperature .....                   | 235 °C                                        | (DIN 51794) |
| Thermal decomposition .....                  | no data available                             |             |
| pH .....                                     | Not applicable. Insoluble in water.           |             |
| Viscosity, kinematic .....                   | no data available                             |             |
| Viscosity, dynamic.....                      | 2,5 mPa.s at 25 °C                            | (DIN 51562) |
| Water solubility .....                       | practically insoluble                         |             |
| Solubility in other solvents .....           | totally miscible with common organic solvents |             |
| Partition coefficient: n-octanol/water ..... | 5,6 at 40 °C                                  |             |
| Vapour pressure.....                         | < 0,5 hPa at 50 °C                            |             |
| Vapour pressure.....                         | < 0,1 hPa at 20 °C                            |             |
| Density .....                                | 0,98 g/cm <sup>3</sup> (25 °C; 1013 hPa)      | (DIN 51757) |
| Relative vapour density .....                | no data available                             |             |
| Particle Size Distribution .....             | Not applicable.                               |             |

### 9.2 Other information

Explosion limits for released hydrogen: 4 - 75.6%(V). Explosion limits for released methanol: 5.5 - 44%(V).

| Property:              | Value:            | Method: |
|------------------------|-------------------|---------|
| Evaporation rate ..... | no data available |         |
| Molecular weight ..... | 228,4             |         |

## SECTION 10: Stability and reactivity

### 10.1 – 10.3 Rea; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Relevant information can possibly be found in other parts of this section.

### 10.4 Conditions to avoid

Moisture, heat, open flames, and other sources of ignition. Contact with contaminated piping or vessels or with corroded and rusty containers can increase the rate of hydrogen formation. Observe information in section 7.

### 10.5 Incompatible materials

Proton-active substances. Reacts violently with: acids, basic substances (e.g. alkalis, ammonia, amines). Reacts with: alcohols, water, moisture, oxidizing agents, catalyst. The reaction takes place with the formation of hydrogen and methanol.

### 10.6 Hazardous decomposition products

Methanol by hydrolysis. In contact with incompatible substances this material may quickly generate a large volume of flammable hydrogen gas. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

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**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****11.1.1 General information**

Data derived for the product as a whole are of higher priority than data for single ingredients.

**11.1.2 Acute toxicity****Product details:**

| Exposure routes           | Result/Effect                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Oral                      | LD50 > 2000 mg/kg<br>No mortality observed at this dose.<br>Species: Rat, Method: OECD 401, Source: test report                              |
| dermal                    | LD50 > 2000 mg/kg<br>No mortality observed at this dose.<br>Species: Rat, Method: OECD 402, Source: test report                              |
| by inhalation<br>(vapour) | LC50 > 0,21 mg/l; 4 h<br>At the technically highest possible concentration no mortality in animal test.<br>Species: Rat, Source: test report |

**11.1.3 Skin corrosion/irritation****Product details:**

irritating  
(Species: Rabbit, Method: OECD 404, Source: test report)

**11.1.4 Serious eye damage/eye irritation****Product details:**

No eye irritation  
(Species: Rabbit, Method: OECD 405, Source: test report)

**11.1.5 Respiratory or skin sensitisation****Product details:**

| Exposure routes | Result                                                                                                                             |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------|
| Skin contact    | Does not cause skin sensitisation.<br>(Species: Guinea pig, Test system: Maximisation Test, Method: OECD 406, Source: test report) |

**11.1.6 Germ cell mutagenicity****Assessment:**

Based on the available data the criteria for classification as germ cell mutagen are not fulfilled.

|                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| negative<br>(Test system: mutation assay (in vitro) / bacterial cells, Method: OECD 471, Source: test report)                                                                                                                                                                                                                                  |
| negative<br>(Test system: chromosome aberration assay (in vitro) / mammalian cells, Method: OECD 473, Source: test report)                                                                                                                                                                                                                     |
| positive<br>The result for the other sex was negativ. The result the other examined time points was negativ.<br>(Test system: micro nucleus assay (in vivo), Species: MouseSex: male, Application Route: Oral, Exposure duration: 48 h, Cell type: erythrocytes, Test substance: read-across substance, Method: OECD 474, Source: test report) |
| negative<br>(Test system: Rodent Dominant Lethal Test, Species: MouseSex: male and female, Application Route: Oral, Cell type: germ cells, Test substance: read-across substance, Source: test report)                                                                                                                                         |

**11.1.7 Carcinogenicity****Assessment:**

No data known.

**11.1.8 Reproductive toxicity****Product details:**



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### Reproductive Toxicity/Development/Teratogenicity

NOAEL (developmental): 1000 mg/kg

NOAEL (maternal): 1000 mg/kg

(Species: Rat, Strain: wistar, Application Route: Oral, Route of administration: gavage, Method: OECD 414, Source: test report)

#### 11.1.9 Specific target organ toxicity - single exposure

##### Assessment:

No data known.

#### 11.1.10 Specific target organ toxicity - repeated exposure

##### Assessment:

Based on the available data the criteria for classification as toxic after repeated exposure are not fulfilled.

##### Product details:

##### Result/Effect

NOAEL: &gt;= 1000 mg/kg

(Test system: Subacute study, Species: Rat Test period: 28 d, Frequency of Treatment: 7 d/w, Method: OECD 407, Source: test report)

NOAEL: 200 mg/kg

LOAEL: 1000 mg/kg

Animal tests have shown no indications of impairment of fertility.

(target organs: Liver, Kidney, Test system: Subchronic study, Species: Rat Application Route: Oral, Route of administration: gavage, Test period: 90 d, Frequency of Treatment: 7 d/w, Test substance: silanol, Method: OECD 408, Source: literature)

#### 11.1.11 Aspiration hazard

##### Assessment:

No data known.

#### 11.2 Information on other hazards

##### 11.2.1 Endocrine disrupting properties

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.

##### 11.2.2 Further toxicological information

None known.

##### Data on substances:

##### Product of hydrolysis (Methanol):

Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.

## SECTION 12: Ecological information

#### 12.1 Toxicity

##### Product details:

| Result/Effect             | Species/Test system                                   | Source                            |
|---------------------------|-------------------------------------------------------|-----------------------------------|
| LC50: 10,3 mg/l (nominal) | semi-static test<br>Danio rerio (zebra fish) (96 h)   | test report<br>OECD 203           |
| LC50: 49,3 mg/l (nominal) | static test<br>Danio rerio (zebra fish) (96 h)        | test report (silanol)<br>OECD 203 |
| EC50: 12 mg/l (nominal)   | semi-static test<br>Daphnia magna (Water flea) (48 h) | test report<br>OECD 202           |
| EC50: 2,9 mg/l (nominal)  | semi-static test<br>Daphnia magna (Water flea) (48 h) | test report (silanol)<br>OECD 202 |

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|                                         |                                               |                         |
|-----------------------------------------|-----------------------------------------------|-------------------------|
| IC50 (Growth rate): 8 mg/l (nominal)    | static test<br>Scenedesmus subspicatus (72 h) | test report<br>OECD 201 |
| NOEC (Growth rate): 1,94 mg/l (nominal) | static test<br>Scenedesmus subspicatus (72 h) | test report<br>OECD 201 |
| EC50: > 20000 mg/l                      | activated sludge (3 h)                        | test report             |

**12.2 Persistence and degradability****Assessment:**

Contact with water liberates methanol and silanol- and/or siloxanol-compounds. Methanol is readily biodegradable. Silanol- and/or siloxanol-compounds: Biologically not degradable.

**Product details:****Biodegradation:**

| Result                                                                                                       | Test system/Method             | Source                   |
|--------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| 12 % / 28 d<br>Not readily biodegradable.<br>Rapid biological degradation of the organic hydrolysis product. | biological oxygen demand (BOD) | test report<br>OECD 301C |

**Hydrolysis:**

| Result          | Test system | Source                  |
|-----------------|-------------|-------------------------|
| Half-life: 19 h | pH 7; 25 °C | test report<br>OECD 111 |

**Data on substances:****Product of hydrolysis (Methanol):**

Methanol is readily biodegradable.

**12.3 Bioaccumulative potential****Assessment:**

No data known.

**12.4 Mobility in soil****Assessment:**

No data known.

**12.5 Results of PBT and vPvB assessment**

This product contains no relevant substances considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

**12.6 Endocrine disrupting properties**

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**

none known

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****13.1.1 Material****Recommendation:**

Risk of oxyhydrogen formation upon contact with the substances mentioned in 10. Material designated for disposal must be segregated from incompatible substances or materials specified in Sect. 10. Wastes of this material should not be mixed with other wastes. Provide measures such as vented bungs to ensure pressure relief in the waste containers. Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.



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### 13.1.2 Uncleaned packaging

Recommendation:

Containers may contain hazardous quantities of hydrogen gas. Uncleaned containers should not be reused to hold another material due to the potential for reaction between residual product and incompatible materials. Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

### 13.1.3 Waste Disposal Legislation Ref.No.(EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

## SECTION 14: Transport information

### 14.1 – 14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

#### Road ADR:

Valuation ..... Dangerous Goods  
 14.1 UN no ..... 3082  
 14.2 Proper Shipping Name ..... Umweltgefährdender Stoff, flüssig, n.a.g. (Dicyclopentylmethoxysilan)  
 14.2 Proper Shipping Name (national) .... ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 (Dicyclopentylmethoxysilane)  
 14.3 Class ..... 9  
 14.4 Packaging Group ..... III

#### Railway RID:

Valuation ..... Dangerous Goods  
 14.1 UN no ..... 3082  
 14.2 Proper Shipping Name ..... Umweltgefährdender Stoff, flüssig, n.a.g. (Dicyclopentylmethoxysilan)  
 14.2 Proper Shipping Name (national) .... ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 (Dicyclopentylmethoxysilane)  
 14.3 Class ..... 9  
 14.4 Packaging Group ..... III

#### Transport by sea IMDG-Code:

Valuation ..... Dangerous Goods  
 14.1 UN no ..... 3082  
 14.2 Proper Shipping Name ..... Environmentally hazardous substance, liquid, n.o.s. (Dicyclopentylmethoxysilane)  
 14.3 Class ..... 9  
 14.4 Packaging Group ..... III

#### Air transport ICAO-TI/IATA-DGR:

Valuation ..... Dangerous Goods  
 14.1 UN no ..... 3082  
 14.2 Proper Shipping Name ..... Environmentally hazardous substance, liquid, n.o.s. (Dicyclopentylmethoxysilane)  
 14.3 Class ..... 9  
 14.4 Packaging Group ..... III

### 14.5 Environmental hazards

Hazardous to the environment: yes  
 Marine Pollutant (IMDG): yes

### 14.6 Special precautions for user

Relevant information in other sections has to be considered.

### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Bulk transport in tankers is not intended.

## SECTION 15: Regulatory information

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

National and local regulations must be observed.



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For information on labelling please refer to section 2 of this document.

### Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances (Seveso III):

| Listed in Directive   | Ser. number in list | Qualifying Quantity 1 | Qualifying Quantity 2 |
|-----------------------|---------------------|-----------------------|-----------------------|
| ENVIRONMENTAL HAZARDS | E1                  | 100 t                 | 200 t                 |

### Other specifications, restrictions and prohibitions:

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX I. RESTRICTED EXPLOSIVES PRECURSORS: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX II. REPORTABLE EXPLOSIVES PRECURSORS: Not applicable

### Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Japan .....                           | <b>ENCS</b> (Handbook of Existing and New Chemical Substances):<br>This product is listed in, or complies with, the substance inventory.                                                                                                                                                                                                                                                                                                                                                              |
| Australia .....                       | <b>AIIC</b> (Australian Inventory of Industrial Chemicals):<br>This product is listed in, or complies with, the substance inventory.                                                                                                                                                                                                                                                                                                                                                                  |
| China.....                            | <b>IECSC</b> (Inventory of Existing Chemical Substances in China):<br>This product is listed in, or complies with, the substance inventory.                                                                                                                                                                                                                                                                                                                                                           |
| Canada .....                          | <b>DSL</b> (Domestic Substance List):<br>This product is listed in, or complies with, the substance inventory.                                                                                                                                                                                                                                                                                                                                                                                        |
| Philippines.....                      | <b>PICCS</b> (Philippine Inventory of Chemicals and Chemical Substances):<br>This product is listed in, or complies with, the substance inventory.                                                                                                                                                                                                                                                                                                                                                    |
| United States of America (USA).....   | <b>TSCA</b> (Toxic Substance Control Act Chemical Substance Inventory):<br>All components of this product are listed as active or are in compliance with the substance inventory.                                                                                                                                                                                                                                                                                                                     |
| Taiwan .....                          | <b>TCSI</b> (Taiwan Chemical Substance Inventory):<br>This product is listed in, or complies with, the substance inventory. General note:<br>The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation. |
| European Economic Area (EEA).....     | <b>REACH</b> (Regulation (EC) No 1907/2006):<br>General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.                                                                                                                   |
| South Korea (Republic of Korea) ..... | <b>AREC</b> (Act on Registration and Evaluation of Chemicals; "K-REACH"):<br>Please approach your regular contact for more detailed information.                                                                                                                                                                                                                                                                                                                                                      |

## 15.2 Chemical safety assessment

For this product, a chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has been carried out.



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### SECTION 16: Other information

#### 16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

WACKER restricts the use of its products inside the human body or in contact with bodily fluids and mucosa. For further details please review our Health Care Policy on [www.wacker.com](http://www.wacker.com). WACKER may cancel any delivery obligation(s) if the Health Care Policy is not observed.

#### 16.2 Identified uses (REACH)

##### General information:

Please send requests for additional uses or for extension of exposure scenarios to the following e-mail address: REACH-USES@wacker.com

All identified uses have been summarized tabularly. The uses are linked to the subsequently described exposure scenarios by the sequential exposure scenario number given in the table.

##### Identified uses with exposure scenarios:

Conditions for safe use, and - if applicable - a more detailed specification of the categories, can be found in related the exposure scenarios (ES) which are indicated in the right column.

Please note: Exposure scenarios usually are based only on single registered substances and their uses. Mixtures might contain other hazardous substances which require additional measures.

|                                                                                         |        |
|-----------------------------------------------------------------------------------------|--------|
| Use of dry catalysts; industrial                                                        | ES No. |
| SU 3 – ERC2, ERC6b – PROC1, PROC2, PROC3, PROC8b, PROC9 – SU8, SU 10, SU11 – PC20, PC32 | 1      |
| Use as laboratory reagent; industrial                                                   | ES No. |
| SU 3 – PROC15 – SU24 – PC21                                                             | 2      |

#### 16.3 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

##### Key or legend to abbreviations and acronyms used in the safety data sheet

ABEK - Multi-Range Filter A, B, E, K; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; APF - Assigned Protection Factor; CAS No. - Chemical Abstracts Service Registry Number; DFG - German Research Foundation; DIN - German institute for standardization; DOC - Dissolved Organic Carbon; d/w - days per week; EC / CE / EG - European Community; EC50 / CE50 - Median effective concentration; ECHA - European Chemicals Agency; ED - endocrine disruptor; EG-RL - test method according to Regulation 440/2008; EN - European Standard; ERC - Environmental Release Category; g/cm³ - gram per cubic centimeter; h - hour(s); H-Code - hazard statement code(s); hPa - Hectopascal; IATA Regs - International Air Transport Association (IATA) Dangerous Goods Regulations; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 / CI50 - half maximal inhibitory concentration; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IMDG Code - International Maritime Dangerous Goods Code; ISO - International Organization for Standardization; LC50 / CL50 - medium lethal concentration; LD50 / DL50 - medium lethal dose; LOAEC - Lowest Observed Adverse Effect Concentration; LOAEL - Lowest Observed Adverse Effect Level; MARPOL - International Convention for the Prevention of Marine Pollution from Ships; mg/g - milligrams per gram; mg/kg - milligrams per kilogram; mg/l - milligrams per liter; mg/m³ - milligrams per cubic meter; min - minutes; mJ - millijoule; mm - millimeter; mm²/s - square millimeter per second; mPa.s - Millipascal second(s); MSDS / SDB / SDS - safety data sheet; No Observed Adverse Effect Concentration; NOAEL - No Observed adverse effect level; NOEC - No Observed Effect Concentration; NOEL - No Observed Effect Level; OECD - Organization for Economic Cooperation and Development; PBT - persistent, bioaccumulative, toxic; PC - product category; P-Code - precautionary statement code(s); ppm - parts per million; PROC - process category; RCP - reciprocal calculation-based procedure; RID - convention concerning international carriage by rail; SU - sector of use; SVHC - substance of very high concern; Vol% - volume percent; UN No. - United Nations Dangerous Goods Number; vPvB - very Persistent, very Bioaccumulative



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Explanation of the GHS classification code:

|                            |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| Aquatic Acute 1; H400:     | Short-term (acute) aquatic hazard Category 1; Very toxic to aquatic life.                            |
| Aquatic Chronic 1; H410 :  | Long-term (chronic) aquatic hazard Category 1; Very toxic to aquatic life with long lasting effects. |
| Eye Dam. 1; H318.....:     | Serious eye damage/eye irritation Category 1; Causes serious eye damage.                             |
| Skin Irrit. 2; H315 .....: | Skin corrosion/irritation Category 2; Causes skin irritation.                                        |

**This safety data sheet contains an annex on the following pages. (Annex to the Safety Data Sheet According to Article 31(7) of Regulation 1907/2006/EC (REACH))**



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### ES1 Use of dry catalysts; industrial

#### 1. Processes and activities covered by this description

The exposure scenario covers formulation of mixtures as well as application of the mixtures.

##### Relevant use descriptors for this scenario:

**SU 3:** Industrial uses: Uses of substances as such or in preparations at industrial sites

**ERC2:** Formulation of preparations; **ERC6b:** Industrial use of reactive processing aids

**PROC1:** Use in closed process, no likelihood of exposure; **PROC2:** Use in closed, continuous process with occasional controlled exposure; **PROC3:** Use in closed batch process (synthesis or formulation); **PROC8b:** Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at dedicated facilities; **PROC9:** Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

**SU8:** Manufacture of bulk, large scale chemicals (including petroleum products); **SU 10:** Formulation [mixing] of preparations and/ or re-packaging (excluding alloys); **SU11:** Manufacture of rubber products

**PC20:** Products such as pH-regulators, flocculants, precipitants, neutralization agents; **PC32:** Polymer preparations and compounds

##### Concentration of substance in preparation/mixture or article:

The exposure scenario is based on the following ingredients:

Dicyclopentyl dimethoxy silane

Relevant substance concentrations are given in the contributing scenarios. Unless otherwise stated, values in the exposure scenarios are related to the following substances, and not to the complete product.

#### 2. Exposure scenarios

##### 2.1 Contributing scenario controlling environmental exposure:

**ERC2; ERC6b**

##### Concentration of substance in preparation/mixture or article:

<=100% Dicyclopentyl dimethoxy silane

##### Amounts used:

Annual amount per site ..... : 30 t

##### Environment factors not influenced by risk management:

Receiving Surface Water (Flow Rate): 18.000 m³/day

Dilution factor (river)..... : 10

Dilution factor (coastal areas) ..... : 100

##### Other given operational conditions affecting environmental exposure:

Emission days per year..... : 300

Emission or release factor ..... : 0,025 % (Air)

Emission or release factor ..... : 0,035 % (Water)

##### Conditions and measures related to sewage treatment plant:

STP type ..... : default-sized municipal WWTP

STP effluent ..... : 2.000 m³/day

Sludge treatment..... : Recovery for agriculture or horticulture can not be excluded.

##### Conditions and measures related to external treatment of waste for disposal:

Solid wastes are ultimately disposed of via landfill or incineration.

##### 2.2 Contributing scenario controlling worker exposure:

**PROC1**

##### Concentration of substance in preparation/mixture or article:

<1% Dicyclopentyl dimethoxy silane

##### Physical state during application:

liquid

Vapour pressure ..... : 4 Pa



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**Amounts used:**

Not of relevance.

**Duration and frequency of use:**

Exposure time ..... : 240 min; per shift

**Risk management measures related to human health (worker):**

Wear suitable gloves tested to EN374.

**2.3 Contributing scenario controlling worker exposure:  
PROC2**

**Concentration of substance in preparation/mixture or article:**

<1% Dicyclopentyl dimethoxy silane

**Physical state during application:**

liquid

Vapour pressure ..... : 4 Pa

**Amounts used:**

Not of relevance.

**Duration and frequency of use:**

Exposure time ..... : 15 min; per shift

**Risk management measures related to human health (worker):**

Wear suitable gloves tested to EN374.

**2.4 Contributing scenario controlling worker exposure:  
PROC3**

**Concentration of substance in preparation/mixture or article:**

<=25% Dicyclopentyl dimethoxy silane

**Physical state during application:**

liquid

Vapour pressure ..... : 4 Pa

**Amounts used:**

Not of relevance.

**Duration and frequency of use:**

Exposure time ..... : 15 min; per shift

**Risk management measures related to human health (worker):**

Local exhaust ventilation required. (Effectiveness: 90 %)

Wear suitable gloves tested to EN374.

**2.5 Contributing scenario controlling worker exposure:  
PROC8b**

**Concentration of substance in preparation/mixture or article:**

<=100% Dicyclopentyl dimethoxy silane

**Physical state during application:**

liquid

Vapour pressure ..... : 4 Pa

**Amounts used:**

Not of relevance.



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### Duration and frequency of use:

Exposure time ..... : 60 min; per shift

### Risk management measures related to human health (worker):

Local exhaust ventilation required. (Effectiveness: 97 %)

Wear suitable gloves tested to EN374.

### 2.6 Contributing scenario controlling worker exposure: PROC9

#### Concentration of substance in preparation/mixture or article:

&lt;=100% Dicyclopentyl dimethoxy silane

#### Physical state during application:

liquid

Vapour pressure ..... : 4 Pa

#### Amounts used:

Not of relevance.

### Duration and frequency of use:

Exposure time ..... : 60 min; per shift

### Risk management measures related to human health (worker):

Local exhaust ventilation required. (Effectiveness: 90 %)

Wear suitable gloves tested to EN374.

### 3. Exposure estimation and reference to its source

DNEL and PNEC values of relevant ingredients are given in section 8 of the main part of this document.

Small numeric values in the scenario may be rounded for technical reasons.

Unless otherwise specified in the scenario, default parameters of the methods and conditions have been used.

For each type of exposure usually only the most critical value is given, without differentiation between, e.g., short term and long term exposure.

For a complete exposure estimation, the values for different routes of exposure and activities may have to be summed up.

RCR = Risk Characterization Ratio

| Exposure type           | Specific conditions                                | Level of exposure   | RCR      | Method          |
|-------------------------|----------------------------------------------------|---------------------|----------|-----------------|
| freshwater              | -                                                  | 0,00053 mg/l        | 0,18     | EUSES 2.1.1     |
| marine water            | -                                                  | 0,00053 mg/l        | 0,18     | EUSES 2.1.1     |
| Sediment (freshwater)   | -                                                  | 1,33 mg/kg dry mass | 0,18     | EUSES 2.1.1     |
| Sediment (marine water) | -                                                  | 0,13 mg/kg dry mass | 0,18     | EUSES 2.1.1     |
| Soil                    | -                                                  | 0,11 mg/kg dry mass | 0,27     | EUSES 2.1.1     |
|                         | The value was derived for the hydrolysis product . |                     |          |                 |
| sewage treatment plant  | -                                                  | 0,0055 mg/l         | 0,00055  | EUSES 2.1.1     |
| dermal, long-term       | PROC 1.                                            | 0,34 mg/kg/day      | 0,024    | ECETOC TRA v2.0 |
| inhalative, long-term   | PROC 1.                                            | 0,0095 mg/m³        | 0,000097 | ECETOC TRA v2.0 |
| dermal, long-term       | PROC 2.                                            | 1,4 mg/kg/day       | 0,1      | ECETOC TRA v2.0 |
| inhalative, long-term   | PROC 2.                                            | 0,095 mg/m³         | 0,00097  | ECETOC TRA v2.0 |
| dermal, long-term       | PROC 3.                                            | 0,034 mg/kg/day     | 0,0024   | ECETOC TRA v2.0 |
| inhalative, long-term   | PROC 3.                                            | 0,17 mg/m³          | 0,0017   | ECETOC TRA v2.0 |
| dermal, long-term       | PROC 8b.                                           | 0,69 mg/kg/day      | 0,049    | ECETOC TRA v2.0 |
| inhalative, long-term   | PROC 8b.                                           | 0,86 mg/m³          | 0,0088   | ECETOC TRA v2.0 |
| dermal, long-term       | PROC 9.                                            | 0,69 mg/kg/day      | 0,049    | ECETOC TRA v2.0 |
| inhalative, long-term   | PROC 9.                                            | 2,9 mg/m³           | 0,029    | ECETOC TRA v2.0 |

### 4. Evaluation guidance to downstream user

no data available .

**WACKER****Safety Data Sheet (1907/2006/EC)**

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**ES2 Use as laboratory reagent; industrial****1. Processes and activities covered by this description****Relevant use descriptors for this scenario:****SU 3:** Industrial uses: Uses of substances as such or in preparations at industrial sites**PROC15:** Use as laboratory reagent**SU24:** Scientific research and development**PC21:** Laboratory chemicals**Concentration of substance in preparation/mixture or article:**

The exposure scenario is based on the following ingredients:

Dicyclopentyl dimethoxy silane

Relevant substance concentrations are given in the contributing scenarios. Unless otherwise stated, values in the exposure scenarios are related to the following substances, and not to the complete product.

**2. Exposure scenarios****2.1 Contributing scenario controlling environmental exposure****Concentration of substance in preparation/mixture or article:**

&lt;=100% Dicyclopentyl dimethoxy silane

**Amounts used:**

Assessment of environmental exposure is not appropriate. Rationale: The amounts used are of such small scale, that releases to the environment are of negligible volume.

**2.2 Contributing scenario controlling worker exposure:****PROC15****Concentration of substance in preparation/mixture or article:**

&lt;=100% Dicyclopentyl dimethoxy silane

**Physical state during application:**

liquid

Vapour pressure ..... : 63 Pa

**Amounts used:**

Not of relevance.

**Duration and frequency of use:**

Exposure time ..... : 60 min; per shift

**Risk management measures related to human health (worker):**

Local exhaust ventilation required. (Effectiveness: 90 %)

Wear suitable gloves tested to EN374.

Wear eye/face protection.

**3. Exposure estimation and reference to its source**

DNEL and PNEC values of relevant ingredients are given in section 8 of the main part of this document.

Small numeric values in the scenario may be rounded for technical reasons.

Unless otherwise specified in the scenario, default parameters of the methods and conditions have been used.

For each type of exposure usually only the most critical value is given, without differentiation between, e.g., short term and long term exposure.

For a complete exposure estimation, the values for different routes of exposure and activities may have to be summed up.

RCR = Risk Characterization Ratio

| Exposure type         | Specific conditions | Level of exposure     | RCR    | Method          |
|-----------------------|---------------------|-----------------------|--------|-----------------|
| dermal, long-term     | PROC 15.            | 0,034 mg/kg/day       | 0,0024 | ECETOC TRA v2.0 |
| inhalative, long-term | PROC 15.            | 2,4 mg/m <sup>3</sup> | 0,024  | ECETOC TRA v2.0 |



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**4. Evaluation guidance to downstream user**

no data available .

- End of Safety Data Sheet -

Shipper  
LEXZAU, SCHARBAU GMBH & CO. KG  
KAP-HORN-STR. 18, 28237 BREMEN,  
GERMANY, TAX ID: DE 114624125

B/L No.  
ALM252116



SACO SHIPPING LINE LTD

[SACO SHIPPING LINE LIMITED](#)

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

4/03/BRE/526803

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Consigned to order of  
LESCHACO MEXICANA,S.A. DE C.V.  
BLVD. MANUEL AVILA CAMACHO  
NO. 88-PISO 8  
COL. LOMAS DE CHAPULTEPEC  
11000 MEXICO, D.F., MEXICO  
TEL.: +52(55)59550000 \*\*)

Notify Party and address  
LESCHACO MEXICANA,S.A. DE C.V.  
BLVD. MANUEL AVILA CAMACHO  
NO. 88-PISO 8  
COL. LOMAS DE CHAPULTEPEC  
11000 MEXICO, D.F., MEXICO  
TEL.: +52(55)59550000 \*\*)

|                   |                   |                      |                 |                                    |                 |  |  |  |
|-------------------|-------------------|----------------------|-----------------|------------------------------------|-----------------|--|--|--|
|                   |                   | Place of receipt     |                 |                                    |                 |  |  |  |
|                   |                   | CFS BREMEN           |                 |                                    |                 |  |  |  |
| Ocean vessel      | Port of loading   |                      |                 |                                    |                 |  |  |  |
| TOKYO EXPRESS     | HAMBURG           |                      |                 |                                    |                 |  |  |  |
| Port of discharge | Place of delivery |                      | Freight payable | Number of original Bills of Lading |                 |  |  |  |
| ALTAMIRA          | CFS ALTAMIRA      |                      | BREMEN          | 0/ZERO                             |                 |  |  |  |
| Marks and Nos.    | Quantity of Goods | Description of Goods | Said to contain | Gross weight, kg.                  | Measurement, m³ |  |  |  |

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.  
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 15.03.2024

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Bürgermeister-Smidt-Str. 128  
28195 Bremen  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



| Marks and Nos.                         | Quantity of Goods | Description of Goods                                                                                                                                                                                                                                                                                                                                                                                                  | Said to contain | Gross weight, kg.  | Measurement, m <sup>3</sup> |
|----------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------------|
| 0028580597<br>0011678219<br>ALTAMIRA   | 1 PALLET          | 4 STEEL BARREL/DRUM<br>WACKER SILANE CP2<br>DIMETHOXY190KG DRUM ST<br>HS CODE: 29319000<br>UN 3082, ENVIRONMENTALLY<br>HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S. (DICYCLOPEN<br>TYLDIMETHOXYLANE), 9,<br>III, (+100.00 C C.C.),<br>MARINE POLLUTANT<br><br>UN 3082/CLASS 9/PG III<br>IMO GROSS WEIGHT: 826,120 KGS<br>IMO NET WEIGHT : 760,000 KGS<br><br>**) RFC: LME980116R15<br>NVOCC SELF FILER - SCAC CODE:<br>ALRB |                 | 851,120            | 1,526                       |
| STOWED INTO CONTAINER NO.: TRHU7056870 |                   |                                                                                                                                                                                                                                                                                                                                                                                                                       |                 | SEAL : K434799     |                             |
| <b>TOTAL</b>                           | <b>1 PALLET</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                       |                 | <b>851,120 KGS</b> | <b>1,526 CBM</b>            |

Shipper  
LEXZAU, SCHARBAU GMBH & CO. KG  
KAP-HORN-STR. 18, 28237 BREMEN,  
GERMANY, TAX ID: DE 114624125

B/L No.  
ALM252134



SACO SHIPPING LINE LTD

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

4/03/BRE/526804

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BLVD. MANUEL AVILA CAMACHO  
NO. 88-PISO 8  
COL. LOMAS DE CHAPULTEPEC  
11000 MEXICO, D.F., MEXICO  
TEL.: +52(55)59550000 \*\*)

Notify Party and address  
LESCHACO MEXICANA,S.A. DE C.V.  
BLVD. MANUEL AVILA CAMACHO  
NO. 88-PISO 8  
COL. LOMAS DE CHAPULTEPEC  
11000 MEXICO, D.F., MEXICO  
TEL.: +52(55)59550000 \*\*)

|                                                                                                                                                                                                                              |                                   |                                                                                                                                            |                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                              |                                   | Place of receipt<br>CFS BREMEN                                                                                                             |                                                                                                  |
| Ocean vessel<br>TOKYO EXPRESS                                                                                                                                                                                                |                                   | Port of loading<br>HAMBURG                                                                                                                 |                                                                                                  |
| Port of discharge<br>ALTAMIRA                                                                                                                                                                                                | Place of delivery<br>CFS ALTAMIRA |                                                                                                                                            | Freight payable<br>BREMEN                                                                        |
|                                                                                                                                                                                                                              |                                   | Number of original Bills of Lading<br>0/ZERO                                                                                               |                                                                                                  |
| Marks and Nos.<br>ETO MAGNETIC<br>MEXICO<br>S DE RL DE CV<br>AV. INTERPUERTO<br>675,COL. PARQUE<br>LOGISTICA 78395,<br>SAN LUIS POTOSI,<br>S.L.P, MX<br>MEXICO<br>INVOICE.: 345376<br>STOWED INTO CONTAINER NO.: TRHU7056870 | Quantity of Goods<br>2 PALLETS    | Description of Goods<br>96 CARTONS<br>GUIDE ROD<br>HS CODE: 85059090<br><br>**) RFC: LME980116R15<br>NVOCC SELF FILER - SCAC CODE:<br>ALRB | Said to contain<br><br>Gross weight, kg.<br>1180,960<br><br>Measurement, m <sup>3</sup><br>1,056 |
| TOTAL                                                                                                                                                                                                                        |                                   | 2 PALLETS                                                                                                                                  | 1180,960 KGS 1,056 CBM                                                                           |

SEAL : K434799

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.  
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 15.03.2024

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Bürgermeister-Smidt-Str. 128  
28195 Bremen  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Shipper  
NGL NAVIGATOR GLOBAL LOGISTICS GMBH  
FELIX-WANKEL-STRASSE 3  
STUHR NI 28816 GERMANY

B/L No.  
ALM252147



SACO SHIPPING LINE LTD

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

4/03/BRE/526805

Copy

Consigned to order of  
NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L  
DE C.V.  
CALZADA ZAVALITA 1306 SANTA CRUZ  
BUENAVISTA  
PUEBLA PUE 72150 MEXICO

Notify Party and address  
SAME AS CONSIGNEE  
+522225036510  
SEA@NGL-MEXICO.COM  
RFC+NNG201012KD4

|                                                                                                                |                                   |                                                                  |                                                                                           |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                                                                                                                |                                   | Place of receipt<br>HAMBURG, GERMANY                             |                                                                                           |
| Ocean vessel<br>TOKYO EXPRESS                                                                                  |                                   | Port of loading<br>HAMBURG, GERMANY                              |                                                                                           |
| Port of discharge<br>ALTAMIRA, MEXICO                                                                          | Place of delivery<br>ALTAMIRA CFS |                                                                  | Freight payable<br>BREMEN                                                                 |
|                                                                                                                |                                   | Number of original Bills of Lading<br>0/ZERO                     |                                                                                           |
| Marks and Nos.<br>PLASTIC OMNIUM<br>MEXICO DN:<br>26400763, 26400765<br>STOWED INTO CONTAINER NO.: TRHU7056870 | Quantity of Goods<br>19 PALLETS   | Description of Goods<br>MOTOR CAR ACCESSORIES<br>HS-CODE: 852610 | Said to contain<br>Gross weight, kg.<br>3722,200<br>Measurement, m <sup>3</sup><br>17,748 |
|                                                                                                                |                                   | SEAL : K434799                                                   |                                                                                           |
| PLASTIC OMNIUM<br>MEXICO DN:<br>26412062, 26412064<br>STOWED INTO CONTAINER NO.: TRHU7056870                   | 6 PALLETS                         | MOTOR CAR ACCESSORIES<br>HS-CODE: 852610                         | 1257,100<br>5,875                                                                         |
|                                                                                                                |                                   | SEAL : K434799                                                   |                                                                                           |
| TOTAL                                                                                                          |                                   | 25 PALLETS                                                       | 4979,300 KGS 23,623 CBM                                                                   |

EFREIGHT 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.  
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 15.03.2024

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Bürgermeister-Smidt-Str. 128  
28195 Bremen  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



## MULTI MODAL DANGEROUS GOODS FORM

This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, Chapter VII, regulation 4;

MARPOL 73/78, Annex III, regulation 4

| <b>Shipper/Consignor/Sende</b> Symrise AG<br>Muehlenfeldstrasse 1<br>37603 Holzminden<br>Germany                                                                                                                                                                                                                                                                                          | <b>Page 1 of 1 Pages</b><br><b>Carrier</b> Saco Shipping Line, Limassol<br><b>Freight Forwarder's referen</b> 240313170258<br><div style="text-align: center; font-size: 2em; color: red; font-weight: bold;">ALM252165</div>                                                                                                                                                                                                                                                                                                                                                                               |                      |                                   |                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------|--------------------------------------|
| <b>Consignee</b> SYMRISE S DE RL DE CV<br>Y/O AGENTE ADUANAL DE AMERICANA<br>(SYM-750430-R87)<br>ALTAMIRA TAMPICO<br>GUADALUPE ALONSO<br>AV. RIO TAMESI KM 0+700                                                                                                                                                                                                                          | <b>Vessel</b> Tokyo Express (008W)<br><br><table border="1" style="width: 100%;"> <tr> <td data-bbox="755 527 1130 611"> <b>Port of loading</b><br/>Hamburg         </td> <td data-bbox="1130 527 1466 611"> <b>Port of discharge</b><br/>Altamira         </td> </tr> </table>                                                                                                                                                                                                                                                                                                                             |                      | <b>Port of loading</b><br>Hamburg | <b>Port of discharge</b><br>Altamira |
| <b>Port of loading</b><br>Hamburg                                                                                                                                                                                                                                                                                                                                                         | <b>Port of discharge</b><br>Altamira                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                                   |                                      |
| <b>CONTAINER/VEHICLE PACKING CERTIFICATE</b><br>I hereby declare that the goods described below have been packed/loaded into the container/vehicle identified below in accordance with the applicable provisions.<br>MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE<br><br>Name/status, company<br><br>Place and Date:<br><br><br>Signature of packer | <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.<br><br>Name/status, company<br>Lexsau, Scharbau on behalf of Symrise, Holzminden<br>Place and Date: Hamburg / Bremen 27.02.2024<br><i>T. Liberoudis T. Glaubke</i><br><br>Signature on behalf of shipper Thomas Liberoudis / Timo Glaubke |                      |                                   |                                      |
| No.                                                                                                                                                                                                                                                                                                                                                                                       | Number & kind of packages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Description of goods | Gross mass                        |                                      |
|                                                                                                                                                                                                                                                                                                                                                                                           | 1) 1 fibreboard box UN 4G<br>= 10 aluminium bottles<br><br>UN 1545 ALLYL ISOTHIOCYANATE, STABILIZED<br>(3-ISOTHIOCYANATO-1-PROPENE), 6.1 (3), II, (+46,0°C c.c.), SAPT ABOVE 50 DEGREES CELSIUS, MARINE POLLUTANT, EmS: F-E,S-D<br>Emergency Contact: Symrise AG via GBK/Infotrac<br>ID 101844 24-hours no.<br>Europe: GBK +49-6132-9829021<br>toll free: Infotrac +1-800-535-5053<br>Intl.: Infotrac +1-352-323-3500<br><br>Cargo gross/net weight: 29,360kg / 25,000kg                                                                                                                                    | Gross weight:        | 29,360 kg                         |                                      |

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 10.05.2023  |
| 14.2    | 19.12.2023     | 600311      | Date of first issue: 04.04.2021 |

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

|                |   |                                   |
|----------------|---|-----------------------------------|
| Trade name     | : | ALLINAT/ALLYL ISOTHIOCYANATE TOCO |
| Product code   | : | 600311                            |
| Substance name | : | Allyl isothiocyanate              |
| CAS-No.        | : | 57-06-7                           |
| EC-No.         | : | 200-309-2                         |

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

|                               |   |        |
|-------------------------------|---|--------|
| Use of the Sub-stance/Mixture | : | Flavor |
|-------------------------------|---|--------|

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

|                                                  |   |                                                       |
|--------------------------------------------------|---|-------------------------------------------------------|
| Company                                          | : | Symrise AG<br>Mühlenfeldstrasse 1<br>37603 Holzminden |
| Telephone                                        | : | +495531900                                            |
| Telefax                                          | : | +495531901649                                         |
| E-mail address of person responsible for the SDS | : | sds@symrise.com                                       |

**1.4 Emergency telephone number**

Emergency CONTACT (24-Hour-Number)  
GBK/Infotrac ID 101844: +49(6132)9829021

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification (REGULATION (EC) No 1272/2008)**

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Flammable liquids, Category 3   | H226: Flammable liquid and vapour.             |
| Acute toxicity, Category 4      | H302: Harmful if swallowed.                    |
| Acute toxicity, Category 2      | H330: Fatal if inhaled.                        |
| Acute toxicity, Category 3      | H311: Toxic in contact with skin.              |
| Skin corrosion, Sub-category 1C | H314: Causes severe skin burns and eye damage. |

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 10.05.2023  |
| 14.2    | 19.12.2023     | 600311      | Date of first issue: 04.04.2021 |

|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Serious eye damage, Category 1                 | H318: Causes serious eye damage.                                                 |
| Respiratory sensitisation, Category 1          | H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Skin sensitisation, Sub-category 1B            | H317: May cause an allergic skin reaction.                                       |
| Short-term (acute) aquatic hazard, Category 1  | H400: Very toxic to aquatic life.                                                |
| Long-term (chronic) aquatic hazard, Category 1 | H410: Very toxic to aquatic life with long lasting effects.                      |

**2.2 Label elements****Labelling (REGULATION (EC) No 1272/2008)**

Hazard pictograms :



Signal word : Danger

Hazard statements :

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H330 Fatal if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H410 Very toxic 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.  
 P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
 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.  
 P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.  
 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/ doctor.  
 P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.  
 P370 + P378 In case of fire: Use dry sand, dry chemical or

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

|         |                |             |                                 |
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| 14.2    | 19.12.2023     | 600311      | Date of first issue: 04.04.2021 |

alcohol-resistant foam to extinguish.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

**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.

Ecological information: 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.

Toxicological information: 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.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

|                 |   |                              |
|-----------------|---|------------------------------|
| Substance name  | : | Allyl isothiocyanate         |
| CAS-No.         | : | 57-06-7                      |
| EC-No.          | : | 200-309-2                    |
| Chemical nature | : | Sulphur Containing Compounds |

**SECTION 4: First aid measures****4.1 Description of first aid measures**

|                            |   |                                                                                                                                                                                                                 |
|----------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice             | : | Move out of dangerous area.<br>Consult a physician.<br>Show this safety data sheet to the doctor in attendance.<br>Symptoms of poisoning may appear several hours later.<br>Do not leave the victim unattended. |
| Protection of first-aiders | : | First Aid responders should pay attention to self-protection and use the recommended protective clothing                                                                                                        |
| If inhaled                 | : | Remove to fresh air immediately. Get medical attention immediately.<br>Keep patient warm and at rest.<br>If breathing is irregular or stopped, administer artificial respiration.                               |

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

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- |                         |   |                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In case of skin contact | : | Take off contaminated clothing and shoes immediately.<br>Wash off with soap and plenty of water.<br>Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.<br>Take victim immediately to hospital.                                                                     |
| In case of eye contact  | : | Small amounts splashed into eyes can cause irreversible tissue damage and blindness.<br>In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>Continue rinsing eyes during transport to hospital.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing. |
| If swallowed            | : | If accidentally swallowed obtain immediate medical attention.<br>Clean mouth with water and drink afterwards plenty of water.<br>Keep respiratory tract clear.<br>Do NOT induce vomiting.<br>Never give anything by mouth to an unconscious person.                                                                                      |

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

- |       |   |                                                                                                                                                                                                                                                                                                    |
|-------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Risks | : | Harmful if swallowed.<br>Toxic in contact with skin.<br>May cause an allergic skin reaction.<br>Causes serious eye damage.<br>Fatal if inhaled.<br>May cause allergy or asthma symptoms or breathing difficulties if inhaled.<br>Causes severe burns.<br><br>First aider needs to protect himself. |
|-------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

- |           |   |                                                                                                                                                                |
|-----------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Treatment | : | The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.<br>There is no specific antidote available. |
|-----------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------|

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- |                                |   |                                                                          |
|--------------------------------|---|--------------------------------------------------------------------------|
| Suitable extinguishing media   | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable extinguishing media | : | High volume water jet                                                    |

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

- |                               |   |                                         |
|-------------------------------|---|-----------------------------------------|
| Hazardous combustion products | : | Nitrogen oxides (NOx)<br>Sulphur oxides |
|-------------------------------|---|-----------------------------------------|

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

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Hydrogen cyanide (hydrocyanic acid)  
Carbon oxides

**5.3 Advice for firefighters**

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : In the event of fire and/or explosion do not breathe fumes.  
Standard procedure for chemical fires.  
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.  
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.  
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 : Do not flush into surface water or sanitary sewer system.  
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**

For disposal considerations see section 13., For personal protection see section 8.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Advice on safe handling : Take precautionary measures against static discharges.  
Avoid formation of aerosol.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.

**SAFETY DATA SHEET**

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Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.

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 : Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke. Wash hands before breaks and immediately after handling the product.

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

Requirements for storage areas and containers : Prevent unauthorized access. 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.

Advice on common storage : No special restrictions on storage with other products.

Storage class (TRGS 510) : 3, Flammable liquids

Further information on storage stability : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

Specific use(s) : Flavor

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

We are not aware of any national exposure limit.

**8.2 Exposure controls****Personal protective equipment**

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

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).

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**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

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Wear chemicals-resistant gloves, e.g. safety gloves of nitril (thickness 0.4mm) or of butyl rubber (thickness 0.7mm).

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 dust or aerosol formation use respirator with filter model ABEK.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Physical state : clear liquid

Colour : colorless to pale yellow

Odour : characteristic, Do not attempt to smell the product as it is hazardous.  
Do not attempt to smell the product as it is hazardous.

Odour Threshold : No data available

Melting point/freezing point : -100 °C(Melting point/range)

Boiling point/boiling range : 147 °C (1.013 hPa)  
Method: OECD Test Guideline 103  
GLP: yes

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.

Flash point : 46 °C

Decomposition temperature : not determined

pH : not determined

Viscosity  
Viscosity, dynamic : not determined  
Viscosity, kinematic : not determined

Solubility(ies)  
Water solubility : 2 g/l (20 °C)

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 10.05.2023  |
| 14.2    | 19.12.2023     | 600311      | Date of first issue: 04.04.2021 |

|                                        |                                                                  |
|----------------------------------------|------------------------------------------------------------------|
|                                        | immiscible                                                       |
| Partition coefficient: n-octanol/water | : log Pow: 1,83 (20 °C)                                          |
| Vapour pressure                        | : 5,21 hPa (20 °C)                                               |
|                                        | 13 hPa (38 °C)                                                   |
|                                        | 7 kPa (50 °C)<br>calculated                                      |
| Relative density                       | : 1,0170 - 1,0220 (20 °C)<br>relation to density of water at 4°C |
| Bulk density                           | : Not applicable                                                 |
| Relative vapour density                | : not determined                                                 |

**9.2 Other information**

|                        |                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------|
| Explosives             | : Due to its structural properties, the product is not classified as explosive                                 |
| Oxidizing properties   | : The substance or mixture is not classified as oxidizing.                                                     |
| Flammability (liquids) | : Flammable liquid and vapour.                                                                                 |
| Self-ignition          | : 404 °C<br>1.010 hPa<br>Auto-ignition temperature<br>Method: Directive 440/2008/EG, Annex , A.15.<br>GLP: yes |
| Evaporation rate       | : Lower than the evaporation rate of butyl acetate = 1                                                         |
| Molecular weight       | : 99,16 g/mol                                                                                                  |

**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 | : Hazardous decomposition products formed under fire conditions.<br>Vapour/air-mixtures are explosive at intense warming. |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|

**10.4 Conditions to avoid**

|                     |                            |
|---------------------|----------------------------|
| Conditions to avoid | : Heat, flames and sparks. |
|---------------------|----------------------------|

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 10.05.2023  |
| 14.2    | 19.12.2023     | 600311      | Date of first issue: 04.04.2021 |

**10.5 Incompatible materials**

Materials to avoid : Copper alloys  
Copper  
Heavy metals

**10.6 Hazardous decomposition products**

Sulphur oxides  
Other hazardous decomposition products may be formed.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Harmful if swallowed.  
Toxic in contact with skin.  
Fatal if inhaled.

**Product:**

|                           |                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : LD50 Oral (Rat, female): 425 mg/kg<br>Method: OPPTS 870.1100<br>GLP: yes                                                                          |
| Acute inhalation toxicity | : Acute toxicity estimate (Rat, male and female): 0,508 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour<br>Method: OPPTS 870.1300<br>GLP: yes |
| Acute dermal toxicity     | : LD50 Dermal (Rat, male and female): > 200 - < 2.000 mg/kg<br>Method: OPPTS 870.1200<br>GLP: yes                                                   |

**Skin corrosion/irritation**

Causes severe burns.

**Product:**

|               |                  |
|---------------|------------------|
| Species       | : Rabbit         |
| Method        | : OPPTS 870.2500 |
| Result        | : Corrosive      |
| GLP           | : yes            |
| Concentration | : 100 %          |

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation****Skin sensitisation**

May cause an allergic skin reaction.

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
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| 14.2    | 19.12.2023     | 600311      | Date of first issue: 04.04.2021 |

**Respiratory sensitisation**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Germ cell mutagenicity**

Not classified based on available information.

**Product:**

|                       |   |                                                                                                                                                                                                                                |
|-----------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Genotoxicity in vitro | : | Test Type: Ames test<br>Metabolic activation: with and without metabolic activation<br>Result: negative                                                                                                                        |
| Genotoxicity in vivo  | : | Test Type: Mammalian Erythrocyte Micronucleus Test<br>Species: Mouse (male)<br>Strain: B6C3F1<br>Cell type: Bone marrow<br>Application Route: Intraperitoneal injection<br>Method: OECD Test Guideline 474<br>Result: negative |

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**11.2 Information on other hazards****Endocrine disrupting properties****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. |
|------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Further information****Product:**

|         |   |                                 |
|---------|---|---------------------------------|
| Remarks | : | Solvents may degrease the skin. |
|---------|---|---------------------------------|

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

|         |                |             |                                 |
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**SECTION 12: Ecological information****12.1 Toxicity****Product:**

Toxicity to fish : LC50 (Zebrafish (Brachydanio rerio)): 0,1 mg/l  
 End point: mortality  
 Exposure time: 96 h  
 Test Type: semi-static test  
 Analytical monitoring: yes  
 Method: OECD Test Guideline 203  
 GLP: yes

**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 Endocrine disrupting properties****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:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
 Very toxic 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

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

|         |                |             |                                 |
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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 : Dispose of as unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
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 or ID number**

ADR : UN 1545  
RID : UN 1545  
IMDG : UN 1545  
IATA (Cargo) : UN 1545  
IATA (Passenger) : UN 1545  
Not permitted for transport

**14.2 UN proper shipping name**

ADR : ALLYL ISOTHIOCYANATE, STABILIZED  
RID : ALLYL ISOTHIOCYANATE, STABILIZED  
IMDG : ALLYL ISOTHIOCYANATE, STABILIZED  
(3-Isothiocyanato-1-propene)  
IATA (Cargo) : Allyl isothiocyanate, stabilized  
IATA (Passenger) : ALLYL ISOTHIOCYANATE, STABILIZED  
Not permitted for transport

**14.3 Transport hazard class(es)**

ADR : 6.1  
RID : 6.1  
IMDG : 6.1  
IATA (Cargo) : 6.1  
IATA (Passenger) : Not permitted for transport

**14.4 Packing group**

ADR  
Packing group : II  
Classification Code : TF1  
Hazard Identification Number : 639  
Labels : 6.1 (3)  
Tunnel restriction code : (D/E)

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

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| 14.2    | 19.12.2023     | 600311      | Date of first issue: 04.04.2021 |

**RID**

|                              |           |
|------------------------------|-----------|
| Packing group                | : II      |
| Classification Code          | : TF1     |
| Hazard Identification Number | : 639     |
| Labels                       | : 6.1 (3) |

**IMDG**

|               |            |
|---------------|------------|
| Packing group | : II       |
| Labels        | : 6.1 (3)  |
| EmS Code      | : F-E, S-D |

**IATA (Cargo)**

|                                      |                           |
|--------------------------------------|---------------------------|
| Packing instruction (cargo aircraft) | : 661                     |
| Packing group                        | : II                      |
| Labels                               | : Toxic, Flammable Liquid |

|                         |                               |
|-------------------------|-------------------------------|
| <b>IATA (Passenger)</b> | : Not permitted for transport |
|-------------------------|-------------------------------|

**14.5 Environmental hazards****ADR**

|                           |       |
|---------------------------|-------|
| Environmentally hazardous | : yes |
|---------------------------|-------|

**RID**

|                           |       |
|---------------------------|-------|
| Environmentally hazardous | : yes |
|---------------------------|-------|

**IMDG**

|                  |       |
|------------------|-------|
| Marine pollutant | : yes |
|------------------|-------|

**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 Maritime transport in bulk according to IMO instruments**

Not applicable for product as supplied.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

|                                                                                                                                            |                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : Conditions of restriction for the following entries should be considered:<br>Number on list 40, 3 |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

|    |                       | Quantity 1<br>50 t | Quantity 2<br>200 t |
|----|-----------------------|--------------------|---------------------|
| H2 | ACUTE TOXIC           |                    |                     |
| E1 | ENVIRONMENTAL HAZARDS | 100 t              | 200 t               |

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

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|     |                   |         |          |
|-----|-------------------|---------|----------|
| P5c | FLAMMABLE LIQUIDS | 5.000 t | 50.000 t |
|-----|-------------------|---------|----------|

Water hazard class (Germany) : WGK 3 highly hazardous to water  
Remarks: Self-classification according to AwSV

EU. Regulation No. : Listed  
1223/2009 on cosmetic products, Annex II: List of Substances Prohibited in Cosmetic Products  
Update: 04 2014

Update: 11 2009

Volatile organic compounds : Volatile.

**Other regulations:**

Take note of Law on the protection of mothers at work, in education and in studies (Maternity Protection Act - MuSchG).

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

**15.2 Chemical safety assessment**

No data available

**SECTION 16: Other information****Full text of other abbreviations**

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) Ef-

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

**ALLINAT/ALLYL ISOTHIOCYANATE TOCO**

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
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| 14.2    | 19.12.2023     | 600311      | Date of first issue: 04.04.2021 |

fect 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

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.

DE / EN

Shipper  
LEXZAU, SCHARBAU GMBH & CO. KG  
KAP-HORN-STR. 18, 28237 BREMEN,  
GERMANY, TAX ID: DE 114624125

B/L No.  
ALM252165



SACO SHIPPING LINE LTD

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

4/03/BRE/526806

Copy

Consigned to order of  
LESCHACO MEXICANA,S.A. DE C.V.  
BLVD. MANUEL AVILA CAMACHO  
NO. 88-PISO 8  
COL. LOMAS DE CHAPULTEPEC  
11000 MEXICO, D.F., MEXICO  
TEL.: +52(55)59550000 \*\*)

Notify Party and address  
LESCHACO MEXICANA,S.A. DE C.V.  
BLVD. MANUEL AVILA CAMACHO  
NO. 88-PISO 8  
COL. LOMAS DE CHAPULTEPEC  
11000 MEXICO, D.F., MEXICO  
TEL.: +52(55)59550000 \*\*)

|                                         |                   |                      |                                    |                   |                 |  |
|-----------------------------------------|-------------------|----------------------|------------------------------------|-------------------|-----------------|--|
|                                         |                   | Place of receipt     |                                    |                   |                 |  |
|                                         |                   | CFS BREMEN           |                                    |                   |                 |  |
| Ocean vessel                            |                   |                      | Port of loading                    |                   |                 |  |
| TOKYO EXPRESS                           |                   |                      | HAMBURG                            |                   |                 |  |
| Port of discharge                       | Place of delivery | Freight payable      | Number of original Bills of Lading |                   |                 |  |
| ALTAMIRA                                | CFS ALTAMIRA      | BREMEN               | 0/ZERO                             |                   |                 |  |
| Marks and Nos.                          | Quantity of Goods | Description of Goods | Said to contain                    | Gross weight, kg. | Measurement, m³ |  |
| 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.  
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 15.03.2024

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Bürgermeister-Smidt-Str. 128  
28195 Bremen  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



| Marks and Nos.                                                                                                | Quantity of Goods       | Description of Goods                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Said to contain | Gross weight, kg. | Measurement, m <sup>3</sup> |
|---------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|-----------------------------|
| SYMRISE S<br>DE R.L. DE C.V.<br>SAN NICOLAS DE<br>LOS GARZA, N.L.<br>VIA TAMPICO<br>33462450/01<br>4500915608 | 1 FIBREBOARD BOX        | UN 4G<br>10 ALUMINIUM BOTTLES<br>FLAVOUR COMPOUND<br>ALLINAT/ISOTIOCIANATO<br>DE ALILO TOCO<br>HS CODE: 29309098<br>UN 1545, ALLYL<br>ISOTHIOCYANATE, STABILIZED<br>(3-ISOTHIOCYANATO-1-PROPEN<br>E), 6.1 (3), II, (+46.00<br>C C.C.), SAPT: SAPT ABOVE<br>50 DEGREES CELSIUS ,<br>MARINE POLLUTANT<br><br>UN 1545/CLASS 6.1/PG II<br>IMO GROSS WEIGHT: 29,360 KGS<br>IMO NET WEIGHT : 25,000 KGS<br><br>**) RFC: LME980116R15<br>NVOCC SELF FILER - SCAC CODE:<br>ALRB |                 | 29,360            | 0,093                       |
| STOWED INTO CONTAINER NO.: TRHU7056870                                                                        |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 | SEAL : K434799    |                             |
| <b>TOTAL</b>                                                                                                  | <b>1 FIBREBOARD BOX</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 | <b>29,360 KGS</b> | <b>0,093 CBM</b>            |

## Shipper

ALPHA TRANS AS AGENT OF  
BLUE ARROW CONTAINER LINE LTD.  
RM 907, 9/F., CHEVALIER COMMERCIAL  
CENTER, 8 WANG HOI ROAD  
KOWLOON BAY, KOWLOON, HONG KONG  
VAT DE174811897

B/L No.  
ALM252166



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED

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

4/03/BRE/526807

Copy

## Consigned to order of

GREEN CUBE LOGISTICS SA DE CV  
GREGORIO CABALLERO # 1833  
ANDRES CABALLERO MORENO AGROP  
GENERAL ESCOBEDO, N.L. C.P. 66080  
RFC: GCL1112086Z4  
OPERACIONESMXM@GREENCUBELOG.COM

## Notify Party and address

GREEN CUBE LOGISTICS SA DE CV  
GREGORIO CABALLERO # 1833  
ANDRES CABALLERO MORENO AGROP  
GENERAL ESCOBEDO, N.L. C.P. 66080  
RFC: GCL1112086Z4  
OPERACIONESMXM@GREENCUBELOG.COM

|                                                                                                                                                                                                                                     |                                   |                                                                                                          |                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
|                                                                                                                                                                                                                                     |                                   | Place of receipt<br>SCHWELM                                                                              |                                                                       |
| Ocean vessel<br>TOKYO EXPRESS                                                                                                                                                                                                       |                                   | Port of loading<br>HAMBURG                                                                               |                                                                       |
| Port of discharge<br>ALTAMIRA                                                                                                                                                                                                       | Place of delivery<br>ALTAMIRA CFS |                                                                                                          | Freight payable<br>ALTAMIRA                                           |
|                                                                                                                                                                                                                                     |                                   | Number of original Bills of Lading<br>0/ZERO                                                             |                                                                       |
| Marks and Nos.<br>ESAB MEXICO SA DE<br>CV<br>TAX ID:<br>EME-980311-6F3<br>DIEGO DIAZ DE<br>BERLANGA, NO. 130<br>COL. NOGALAR<br>C.P. 66480 SAN<br>NICOLAS DE LOS<br>GARZA, N.L.<br>MEXICO<br>STOWED INTO CONTAINER NO.: TRHU7056870 | Quantity of Goods<br>2 PALLETS    | Description of Goods<br>Said to contain<br>DRY LUBRICANT ZEL 760 AB /<br>HS CODE: 34039900 ( NON HAZARD) | Gross weight, kg.<br>1701,000<br>Measurement, m <sup>3</sup><br>2,645 |

SEAL : K434799

**TOTAL** **2 PALLETS** **1701,000 KGS** **2,645 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 15.03.2024

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Bürgermeister-Smidt-Str. 128  
28195 Bremen  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL



Shipper  
WICKE GMBH + CO. KG  
ELBERFELDER STR. 109  
45549 SPROCKHOEVEL  
GERMANY  
TAX-ID: DE125316142

B/L No.  
ALM252175



SACO SHIPPING LINE LTD

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

4/03/BRE/526809

Copy

Consigned to order of  
HYSTER-YALE MEXICO, S.A. DE C.V.  
INDUSTRIA AUTOMOTRIZ # 3090 CP25900  
PARQUE INDUSTRIAL RAMOS ARIZPE,  
MEXICO  
TAX ID:NME-971014-GNA

Notify Party and address  
GRUPO CARGOQUIN SA DE CV  
RODOLFO VALENCIA PRIETO  
PATENTE: 3395  
TAX ID: VAPR6111244Y2  
LIC. KARLA LOZANO  
TEL: (83) 3385 7090

|                                        |                   |                                    |                         |                   |                 |
|----------------------------------------|-------------------|------------------------------------|-------------------------|-------------------|-----------------|
|                                        |                   | Place of receipt                   |                         |                   |                 |
|                                        |                   | BREMEN CFS                         |                         |                   |                 |
| Ocean vessel                           |                   | Port of loading                    |                         |                   |                 |
| TOKYO EXPRESS                          |                   | HAMBURG                            |                         |                   |                 |
| Port of discharge                      |                   | Place of delivery                  |                         |                   |                 |
| ALTAMIRA                               |                   | ALTAMIRA CFS                       |                         |                   |                 |
|                                        |                   | Freight payable                    |                         |                   |                 |
|                                        |                   | BREMEN                             |                         |                   |                 |
|                                        |                   | Number of original Bills of Lading |                         |                   |                 |
|                                        |                   | 0/ZERO                             |                         |                   |                 |
| Marks and Nos.                         | Quantity of Goods | Description of Goods               | Said to contain         | Gross weight, kg. | Measurement, m³ |
| HYSTER-YALE                            | 4                 | PALLETS                            | PARTS FOR ELECTRIC FORK | 1866,000          | 2,602           |
| MEXICO                                 |                   | LIFTS                              |                         |                   |                 |
| DELIVERY ADDRESS:                      |                   | HS CODE 84312000                   |                         |                   |                 |
| ALTAMIRA, TAMP                         |                   |                                    |                         |                   |                 |
| PORT                                   |                   |                                    |                         |                   |                 |
| HYG MEXICO Y/O                         |                   |                                    |                         |                   |                 |
| OSCAR SERAFIN                          |                   |                                    |                         |                   |                 |
| PEREZ                                  |                   |                                    |                         |                   |                 |
| COL. UNIDAD                            |                   |                                    |                         |                   |                 |
| NACIONAL                               |                   |                                    |                         |                   |                 |
| TMS 89410                              |                   |                                    |                         |                   |                 |
| ALTAMIRA                               |                   |                                    |                         |                   |                 |
| MEXICO                                 |                   |                                    |                         |                   |                 |
| STOWED INTO CONTAINER NO.: TRHU7056870 |                   |                                    | SEAL : K434799          |                   |                 |

SEAL : K434799

**TOTAL 4 PALLETS 1866,000 KGS 2,602 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.  
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 15.03.2024

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

**SACO Shipping GmbH**  
Bürgermeister-Smidt-Str. 128  
28195 Bremen  
Germany



As agent only for SACO SHIPPING LINE LIMITED LIMASSOL

