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

NVOCC Services worldwide

Bremen, 22. July 2026

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

RECHNUNG/INVOICE EXPORT

lbr / lbr / lbr

CUSTOMER-Ref.: HG0021473

Leistungsdatum : 19.07.2026

INVOICE-No	INVOICE-Date	CUSTOMER-No	SACO-Ref.	B/L-Ref.	Your VAT-ID	R.O.E
5687481	22.07.2026	020896	6/07/BRE/526600	6/07/BRE/5266		0.8747

Vessel:

Destination:

Online-Ref:

Delivery:

Pieces

Gross KOS

Volumen CBM

SACO REF.: VESSEL: PORT: ETA: CONTAINER:
6/07/BRE/5266 GSL MARIA VERACRUZ 06.08.2026 MRSU5569043

Pos.	Description	Rate	Amount	Tax
1	AS PER ATTACHED PL SHEET	497.55 USD	497.55	

NO VAT ON

497.55

VAT ON

0

TOTAL VAT

0

VAT

19%

TOTAL AMOUNT USD

497.55

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

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

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

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

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

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

amended on: 20.02.2026 by ECH

Mexico PL-Sheet 2026

valid from March 1st 2026

SACO Ref.:
6/07/BRE/5266Vessel:
GSL MARIAPort:
VERACRUZETA:
06.08.2026Container:
MRSU5569043

B/L	COLLECT	Incl.Special charges	Doc fee	Unstuffing	Admin Fee	Transm.Fee	Port Transf	On Carriage	0,00 USD	Quote No.:
VER284760										
VER284949			70,00	36,87						
VER284970										
VER284991										
VER284996										
VER285028										
VER285030										
VER285032										
VER285035			50,00	158,40					711,83	tariff
VER285037										
VER285047	50,76									
VER285078										
VER285037										
VER285108										
VER285124	146,23									
VER285126										
	196,99		120,00	195,27	0,00	0,00	0,00		711,83	

COLLECT FREIGHT TOTAL

196,99 USD

196,99 USD

debit to Intert

RELEASE FEE

120,00 USD

UNSTUFFING

195,27 USD

ADMIN FEE

0,00 USD

TRANSMISSION FEE

0,00 USD

CREDIT FOR ON CARRIAGE

711,83 USD

PORT TRANSFER

0,00 USD

1.027,10 USD credit to Inter

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

date 01.10.2023 FRT:

55,319

1.327,66 USD

Hartrodt Kickback USD 4,50 w/m

FRT:

0,00 USD

Quick Cargo Kickback USD 3,- w/m

FRT:

0,00 USD

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

FRT:

0,00 USD

Linkin / Europartner/XPD Kickback USD 4 w/m

FRT:

0,00 USD

DHL compensation VER canceled 2026

FRT:

0,00 USD

DHL compensation ALM canceled 2026

FRT:

0,00 USD

K&N compensation canceled 2026

FRT:

0,00 USD

Ceva compensation canceled 2026

FRT:

0,00 USD

TOTAL AMOUNT

497,55 USD

CREDIT OR DEBIT TO INTERTAEM

Agreed special PLC :

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

**MAERSK****NON-NEGOTIABLE WAYBILL**

SCAC MAEU

B/L No. 721558806

Shipper (As principal, where "care of", "c/o", or other variants used.)
SACO SHIPPING GMBH
AS AGENT OF SACO SHIPPING LINE LTD
BGM.-SMIDT-STR.128
D-28195 BREMEN
GERMANY / DE118597456

Booking No.
721558806

Export references
607BRE5266 ARA

Svc Contract
299542652

Consignee (Negotiable only if consigned "to order", "to order of" a named Person or "to order of bearer".
As principal, where "care of", "c/o", or other variants used.)

INTERTEAM, S.A. DE C.V. COLIMA 114,
INT 201 COLONIA ROMA, C.P. 06700
MEXICO CITY. TEL: +525555149897
TAX ID: INT961206ES7
CTC: MARCELA GODINEZ

This contract is subject to the terms, conditions and exceptions, including the law & jurisdiction clause and limitation of liability & declared value clauses, of the current Maersk Bill of Lading (available from the Carrier, its agents and at terms.maersk.com/carriage), which are applicable with logical amendments (mutatis mutandis). To the extent necessary to enable the Consignee to sue and to be sued under this contract, the Shipper on entering into this contract does so on his own behalf and as agent for and on behalf of the Consignee and warrants that he has the authority to do so. The shipper shall be entitled to change the Consignee at any time before delivery of the goods provided he gives the Carrier reasonable notice in writing. Delivery will be made to the Consignee or his authorised agent on production of reasonable proof of identity (and, in the case of an agent, reasonable proof of authority) without production of this waybill. The Carrier shall be under no liability whatsoever for misdelivery unless caused by the Carrier's negligence.

Onward inland routing (Not part of Carriage as defined in clause 1. For account and risk of Merchant)

Vessel
GSL MARIA

Voyage No.
628W

Place of Receipt. Applicable only when document used as Multimodal Waybill

Port of Loading
Bremerhaven

Port of Discharge
Veracruz *

Place of Delivery. Applicable only when document used as Multimodal Transport B/L. (see clause 1)

PARTICULARS FURNISHED BY SHIPPER

Kind of Packages; Description of goods; Marks and Numbers; Container No./Seal No.

1 Container Said to Contain 41 PACKAGE

MRSU 556904-3 40/DRY 9'6
3 PKG GROSS WEIGHT: 390.000 KGS MEASUREMENT: 1.584 CBM
300KG BINAL (NATRIUM IN
TIN FOIL)
UN 1428, NATRIUM, 4.3, IL
(B/E)
ORDER:26.6.24-AS
HS-CODE:28051100
1 WOODEN CASE GROSS WEIGHT: 325.000 KGS MEASUREMENT: 1.117 CBM
SET OF WATER-COOLED
ALUMINIUM VACUU
M
HS CODE: 8477
2 PACKAGES GROSS WEIGHT: 460.000 KGS MEASUREMENT: 0.584 CBM
DOUBLE T-SECTION &
BUS BAR COVER

Weight
19906.660 KGS

Measurement
54.877 CBM

Above particulars as declared by Shipper, but without responsibility of or representation by Carrier.

Freight & Charges

Rate

Unit

Currency

Prepaid

Collect

Carrier's Receipt. Total number of containers or
packages received by Carrier.

1 container

Place of Issue of Waybill
Hamburg

Shipped on Board Date (Local Time)
2026-07-19

Date Issue of Waybill
2026-07-19

Declared Value Charges (see clause 7.3 of the Maersk Bill of
Lading) for Declared Value of US\$

Shipped, as far as ascertained by reasonable means of checking, in apparent good order and condition unless otherwise stated herein the total number or quantity of Containers or other packages or units indicated in the box opposite entitled "Carrier's Receipt"

Signed for the Carrier Maersk A/S

Maersk Deutschland A/S & Co.KG
As Agent(s)

This transport document has one or more numbered pages

HS: 7407100, 85472000
1 PALLET GROSS WEIGHT: 176.000 KGS MEASUREMENT: 1.035 CBM
POWER CLAMP MACHINE
HS CODE: 85144000
5 PALLETS GROSS WEIGHT: 3857.400 KGS MEASUREMENT: 6.922 CBM
VARISOFT EQ 100
HS-CODE: 340241
2 DRUM
VARISOFT EQ 100
HS-CODE: 340241
16 DRUM
1 PKG GROSS WEIGHT: 283.900 KGS MEASUREMENT: 0.960 CBM
WASHERS HS-CODE: 731822
HSCODE: 731822
5 PALLETS GROSS WEIGHT: 4112.000 KGS MEASUREMENT: 9.840 CBM
ACCUREL GA 301
HS-CODE: 390110
96 BOXES
ACCUREL SF 1760
HS-CODE: 390130
32 BOXES
6 PACKAGES GROSS WEIGHT: 2158.000 KGS MEASUREMENT: 14.484 CBM
= 6 WOODEN BOXES WITH
ELECTRIC GAS MIXERS,
CONNECTION SETS,
STAINLESS STEEL
RECEIVER
HS: 73110091,
74122000, 90328900
2 PKG GROSS WEIGHT: 4294.000 KGS MEASUREMENT: 5.657 CBM
WIRE ROD RD.
HS CODE: 72279095
1 PKG GROSS WEIGHT: 104.000 KGS MEASUREMENT: 0.302 CBM
MACHINERY SPARE PARTS
HS-CODE:
850152, 851590,

Freight & Charges	Rate	Unit	Currency	Prepaid	Collect

850433, 854442

HSCODE: 850152

3 PKG GROSS WEIGHT: 1079.600 KGS MEASUREMENT: 0.637 CBM

PARTS FOR TURBO STEEL

ENGINES

AS PER INVOICE NO.:

90247597 + 9024

7598 + 90247636

HS CODE: 841191

3 PKG GROSS WEIGHT: 469.000 KGS MEASUREMENT: 3.341 CBM

HEAT SINK

1420.001.109-MEHIKA

HS CODE:85129090

NET WEIGHT: 396 KG

1 PKG GROSS WEIGHT: 179.000 KGS MEASUREMENT: 0.701 CBM

CLAMPING SYSTEMS HS-CODE:

392690, 843139, 847990

HSCODE: 761090

2 PKG GROSS WEIGHT: 290.760 KGS MEASUREMENT: 2.126 CBM

SYNTHETIC SEWING THREAD

HS

CODE: 560500, 540110

HSCODE: 5006

3 PACKAGES GROSS WEIGHT: 739.000 KGS MEASUREMENT: 2.812 CBM

WELDING TORCHES AND

SPAREPARTS

REF# 32602838 + 32602704

HS-CODES: 392690, 820411,

851590, 381090, 702000

2 PALLETS GROSS WEIGHT: 989.000 KGS MEASUREMENT: 2.775 CBM

BOOKS/LIBROS

HS-CODE: 4901

EXPRESS RELEASE

MRSU5569043 40 DRY 9'6 41 PACKAGE 19906.660 KGS 54.877 CBM

Freight & Charges	Rate	Unit	Currency	Prepaid	Collect

Shipper Seal : B149732
IMO Class: 4.3
UN Number: 1428

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

SHIPPER'S LOAD, STOW, WEIGHT AND COUNT

FREIGHT PREPAID
CY/CY

Freight & Charges	Rate	Unit	Currency	Prepaid	Collect

**MAERSK****NON-NEGOTIABLE WAYBILL**

SCAC MAEU

B/L No. 721558806

Shipper (As principal, where "care of", "c/o", or other variants used.)

SACO SHIPPING GMBH
AS AGENT OF SACO SHIPPING LINE LTD
BGM.-SMIDT-STR.128
D-28195 BREMEN
GERMANY / DE118597456

Booking No.

721558806

Export references

607BRE5266 ARA

Svc Contract

299542652

Consignee (Negotiable only if consigned "to order", "to order of" a named Person or "to order of bearer".
As principal, where "care of", "c/o", or other variants used.)

INTERTEAM, S.A. DE C.V. COLIMA 114,
INT 201 COLONIA ROMA, C.P. 06700
MEXICO CITY. TEL: +525555149897
TAX ID: INT961206ES7
CTC: MARCELA GODINEZ

This contract is subject to the terms, conditions and exceptions, including the law & jurisdiction clause and limitation of liability & declared value clauses, of the current Maersk Bill of Lading (available from the Carrier, its agents and at terms.maersk.com/carriage), which are applicable with logical amendments (mutatis mutandis). To the extent necessary to enable the Consignee to sue and to be sued under this contract, the Shipper on entering into this contract does so on his own behalf and as agent for and on behalf of the Consignee and warrants that he has the authority to do so. The shipper shall be entitled to change the Consignee at any time before delivery of the goods provided he gives the Carrier reasonable notice in writing.

Delivery will be made to the Consignee or his authorised agent on production of reasonable proof of identity (and, in the case of an agent, reasonable proof of authority) without production of this waybill. The Carrier shall be under no liability whatsoever for misdelivery unless caused by the Carrier's negligence.

Onward inland routing (Not part of Carriage as defined in clause 1. For account and risk of Merchant)

Vessel

GSL MARIA

Voyage No.

628W

Place of Receipt. Applicable only when document used as Multimodal Waybill

Port of Loading

Bremerhaven

Port of Discharge

Veracruz *

Place of Delivery. Applicable only when document used as Multimodal Transport B/L. (see clause 1)

PARTICULARS FURNISHED BY SHIPPER

Kind of Packages; Description of goods; Marks and Numbers; Container No./Seal No.

1 Container Said to Contain 41 PACKAGE

MRSU 556904-3 40/DRY 9'6
3 PKG GROSS WEIGHT: 390.000 KGS MEASUREMENT: 1.584 CBM
300KG BINAL (NATRIUM IN
TIN FOIL)
UN 1428, NATRIUM, 4.3, IL
(B/E)
ORDER:26.6.24-AS
HS-CODE:28051100
1 WOODEN CASE GROSS WEIGHT: 325.000 KGS MEASUREMENT: 1.117 CBM
SET OF WATER-COOLED
ALUMINIUM VACUUM
M
HS CODE: 8477
2 PACKAGES GROSS WEIGHT: 460.000 KGS MEASUREMENT: 0.584 CBM
DOUBLE T-SECTION &
BUS BAR COVER

Weight

19906.660 KGS

Measurement

54.877 CBM

Above particulars as declared by Shipper, but without responsibility of or representation by Carrier.

Freight & Charges

Rate

Unit

Currency

Prepaid

Collect

Carrier's Receipt. Total number of containers or packages received by Carrier.

1 container

Place of Issue of Waybill

Hamburg

Shipped on Board Date (Local Time)
2026-07-19Date Issue of Waybill
2026-07-19

Declared Value Charges (see clause 7.3 of the Maersk Bill of Lading) for Declared Value of US\$

Shipped, as far as ascertained by reasonable means of checking, in apparent good order and condition unless otherwise stated herein the total number or quantity of Containers or other packages or units indicated in the box opposite entitled "Carrier's Receipt"

Signed for the Carrier Maersk A/S

This transport document has one or more numbered pages

Maersk Deutschland A/S & Co.KG
As Agent(s)

850152, 851590,
850433, 854442
HSCODE: 850152
3 PKG GROSS WEIGHT: 1079.600 KGS MEASUREMENT: 0.637 CBM
PARTS FOR TURBO STEEL
ENGINES
AS PER INVOICE NO.:
90247597 + 9024
7598 + 90247636
HS CODE: 841191
3 PKG GROSS WEIGHT: 469.000 KGS MEASUREMENT: 3.341 CBM
HEAT SINK
1420.001.109-MEHIKA
HS CODE:85129090
NET WEIGHT: 396 KG
1 PKG GROSS WEIGHT: 179.000 KGS MEASUREMENT: 0.701 CBM
CLAMPING SYSTEMS HS-CODE:
392690, 843139, 847990
HSCODE: 761090
2 PKG GROSS WEIGHT: 290.760 KGS MEASUREMENT: 2.126 CBM
SYNTHETIC SEWING THREAD
HS
CODE: 560500, 540110
HSCODE: 5006
3 PACKAGES GROSS WEIGHT: 739.000 KGS MEASUREMENT: 2.812 CBM
WELDING TORCHES AND
SPAREPARTS
REF# 32602838 + 32602704
HS-CODES: 392690, 820411,
851590, 381090, 702000
2 PALLETS GROSS WEIGHT: 989.000 KGS MEASUREMENT: 2.775 CBM
BOOKS/LIBROS
HS-CODE: 4901
EXPRESS RELEASE

Freight & Charges	Rate	Unit	Currency	Prepaid	Collect

MRSU5569043 40 DRY 9'6 41 PACKAGE 19906.660 KGS 54.877 CBM

Shipper Seal : B149732

IMO Class: 4.3

UN Number: 1428

The Merchant(s) warrant and represent that this shipment and/or Goods will comply at all times with European Union, United States and United Nations sanctions and/or export control laws (Sanctions Laws), and that this shipment and/or Goods do not involve, whether directly or indirectly, any entity or person identified, or owned or controlled by any such entity or person identified, on the U.S. Treasury Departments Office of Foreign Asset Control (OFAC) list of Specially Designated Nationals and Blocked Persons, or any other similar list maintained by the European Union, or as promulgated by the United Nations Security Council (Designated Person). If, in the Carriers reasonable opinion, this shipment and/or Goods are in violation of the Carriers policy on Russia

[<https://www.maersk.com/news/articles/2022/02/24/russia-ukraine-situation-update>], Sanctions Laws or involves any Designated Person, the shipment and/or Goods will be returned to the origin at Carriers sole and unfettered discretion, and the Merchant(s) shall indemnify and hold harmless the Carrier, its servants and agents, for any breach of this clause. The Merchant(s) agree that the Carrier may stop the shipment and/or Goods in transit or withhold release of the shipment and/or Goods pending any investigation into compliance with this clause by the Merchant(s).

SHIPPER'S LOAD, STOW, WEIGHT AND COUNT

FREIGHT PREPAID

CY/CY

Freight & Charges	Rate	Unit	Currency	Prepaid	Collect

Manifest

Page: 1

Container-No.: MRSU5569043 40' HIGH CUBE CONTAINER Seal-No.: B149732
Vessel: SAC1654 / GSL MARIA
ETS:
Master-B/L.: 721558806

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER284760	FEDERAL MOGUL POW ERTRAIN FORJAS Y MAQUINAS S DE RL DE CV JESUS RIVERA FRAN CO 402 CD. INDUSTRIAL AGUASC ALIENTES AGS 2029 0, MEXICO	3	PALLETS	300KG BINAL (NATRIUM IN TIN FOIL) UN 1428, NATRIUM, 4.3, IL (B/E) ORDER:26.6.24-AS HS-CODE:28051100	390.000	1.584
VER284949	ADS MEXICANA MEXICO	1	WOODEN CASE	SET OF WATER-COOLED ALUMINIUM VACUU M HS CODE: 8477	325.000	1.117
VER284970	HT6 INGENIERA LEON, MEXICO AW 2284 & 3026	2	PACKAGES	DOUBLE T-SECTION & BUS BAR COVER HS: 7407100, 85472000	460.000	0.584
VER284991	VER284991	1	PALLET	POWER CLAMP MACHINE HS CODE: 85144000	176.000	1.035

Manifest

Page: 2

Container-No.: MRSU5569043 40' HIGH CUBE CONTAINER Seal-No.: B149732
Vessel: SAC1654 / GSL MARIA
ETS:
Master-B/L.: 721558806

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER284996	EVONIK INDUSTRIES DE MEXICO P.O. 46522251 VARISOFTEQ 100 EVONIK ORDER NO. 3012678999 VERACRUZ / MEXICO EVONIK INDUSTRIES DE MEXICO P.O. 46522251 VARISOFT EQ 100 EVONIK ORDER NO. 3012678999 VERACRUZ / MEXICO	5	PALLETS	VARISOFT EQ 100 HS-CODE: 340241 2 DRUM VARISOFTEQ 100 HS-CODE: 340241 16 DRUM	3857.400	6.922
VER285028	EISSMANN MEXICO DN 4030158	1	PALLET	WASHERS HS-CODE: 731822 **HSCODE: 731822**	283.900	0.960
VER285030	EVONIK ORETATIONS GMBH 3012670541 ACCUREL GA 301 46518848 MADE IN GERMANY MEXICO EVONIK ORETATIONS GMBH 3012670541 ACCUREL SF 1760 46518848 MADE IN GERMANY MEXICO	5	PALLETS	ACCUREL GA 301 HS-CODE: 390110 96 BOXES ACCUREL SF 1760 HS-CODE: 390130 32 BOXES	4112.000	9.840

Manifest

Page: 3

Container-No.: MRSU5569043 40' HIGH CUBE CONTAINER Seal-No.: B149732
Vessel: SAC1654 / GSL MARIA
ETS:
Master-B/L.: 721558806

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER285032	PRAXAIR MEXICO 62651215, 62651219, 62651220 ANGEBOT: 2602499 REF 26006294 INVOICE-NO.: 61657530, 61657531, 61657532	6	PACKAGES	= 6 WOODEN BOXES WITH ELECTRIC GAS MIXERS, CONNECTION SETS, STAINLESS STEEL RECEIVER HS: 73110091, 74122000, 90328900	2158.000	14.484
VER285035	NHK 3313263-01-00 ID: 42312982 + 42312983	2	PALLETS	WIRE ROD RD. HS CODE:72279095	4294.000	5.657
VER285037	TUNKERS MX DN: NV3263479-84	1	PALLET	MACHINERY SPARE PARTS HS-CODE: 850152, 851590, 850433, 854442 **HSCODE: 850152**	104.000	0.302
VER285037	TUNKERS DE MEXICO O1987 / PL 360137	1	PALLET	CLAMPING SYSTEMS HS-CODE: 392690, 843139, 847990 **HSCODE: 761090**	179.000	0.701

Manifest

Page: 4

Container-No.: MRSU5569043 40' HIGH CUBE CONTAINER Seal-No.: B149732
Vessel: SAC1654 / GSL MARIA
ETS:
Master-B/L.: 721558806

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER285047	INDUSTRIA DE TUBE RIAS AERONAUTIC AS MEXICO, S.A. DE C.V. ACCESO IV N° 6 B Z.I. BENITO JUAREZ 76120 QUERETARO MEXICO DN# 80265954 DN# 80265962 DN# 80265978	3	PACKAGES	PARTS FOR TURBO STEEL ENGINES AS PER INVOICE NO.: 90247597 + 9024 7598 + 90247636 HS CODE: 841191	1079.600	0.637
VER285078	MARELLI TOLUCA MEXICO, S DE R.L.CV INVOICE NUMBER: 90167109	3	PALLETS	HEAT SINK 1420.001.109_MEHIKA HS CODE:85129090 NET WEIGHT: 396 KG	469.000	3.341
VER285108	GÜTERMANN MEXICO 82359376	2	PALLETS	SYNTHETIC SEWING THREAD HS CODE: 560500, 540110 **HSCODE: 5006**	290.760	2.126
VER285124	BINZEL S.A. DE C.BV. MUNICIPIO DE TEPEZAL #109 VALLE DE AGUASCALIENTES MEXICO REF# 32602838 + 32602704	3	PACKAGES	WELDING TORCHES AND SPAREPARTS REF# 32602838 + 32602704 HS-CODES: 392690, 820411, 851590, 381090, 702000	739.000	2.812

Manifest

Page: 5

Container-No.: MRSU5569043 40' HIGH CUBE CONTAINER Seal-No.: B149732
Vessel: SAC1654 / GSL MARIA
ETS:
Master-B/L.: 721558806

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER285126	COLEGIO ALEMAN GUADALAJARA / MEXICO FUCO 10294-95, 10633 ** MS. KATHARINA PAUSE TEL.:+52-33-3685 0059 FAX:+52-33-3685 0080 VAT-ID-NO./R.F.C.: CAG 790607 RP2 *** JALISCO CP 45659 TEL 36885456 L.N.I. LUIS MIGUEL OCAMPO URIBE .	2	PALLETS	BOOKS/LIBROS HS-CODE: 4901	989.000	2.775

Total

Quantity
41

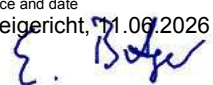
Grossweight
19.906.660

Measurement
54.877

BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG) TRANSPORT DOCUMENT FOR DANGEROUS GOODS (IMO-DANGEROUS GOODS DECLARATION)

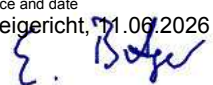
Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, Regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) – Shipper (Name & Adresse) Dr. Bilger Umweltconsulting GmbH Gewerbepark Birkenhain 7a D-63579 Freigericht		Buchungsnummer(n) – Reference number(s) Seite 1 von 1				
Empfänger – Consignee FORJAS Y MAQUINAS S DE RL DE CV Y/O UPS SCS Mexico S.A de C.V Eugenia 189 Col. Narvarte Oriente Del. Benito Juarez Ciudad de Mexico, C.P. 030230 TAX ID: UPS891122HV8 fidelantonio.delalanza@tenneco.com		Beförderer – Carrier VECTOR Speditions- und Handels GmbH Aschaffener Str. 82 D-63801 Kleinostheim Per Mail: ops@vector-gmbh.de				
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1 AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container-/Vehicle-No.: Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Ort und Datum Place and date Unterschrift für den Packer Signature on behalf of packer				
Schiffsname und Nummer der Reise Ship's name and voyage No.		Ladehafen Port of loading				
Löschhafen – Port of discharge Veracruz, Mexico		Frei für Text, Anweisungen und sonstige Angaben Reserved for text, instructions or other matter EMERGENCY CONTACT: Dr. Edgar Bilger Phone: +49-6051-9166951 and +49-172-9863727 (24 hours)				
UN-Nr. UN-No.	Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) *	Klasse/Unter- Klasse nach IMO IMO-Class	Verpackungs- gruppe Packing group	Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages	
1428	Sodium	4.3	I	Natrium Sodium BINAL (Sodium in Aluminium foil)	3 steel drums on three EWP- pallet (80x60x110cm) Packaging code 1A2	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse Net quantity/volume/mass Netto Explosivstoffmasse *** – Net explosive mass ***		Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften / Properties Flammpunkt / Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **		Güter angeliefert als / Goods delivered as: ☐ Stückgut/Breakbulk cargo ☐ Ladungseinheiten (Unit Loads) Unitized cargo ☐ Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) ☐ offen / open ☐ geschlossen / closed	
Gross weight: 390 kg Net weight: 300 kg		EMS F-G, S-N	Sodium reacts violently with water		Zutreffendes ankreuzen / Insert „x“ in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
* Marken- oder Herstelleramen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE – ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; --- * Proprietary/trade names alone are not sufficient. If applicable: (1) the word „WASTE“ should precede the name; (2) „EMPTY UNCLEANED“ or „RESIDUE – LAST CONTAINED“ should be added; (3) „LIMITED QUANTITY“ should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;						
ZUSÄTZLICHE ANGABEN – Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION – In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).						
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.			Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Dr. Edgar Bilger Ort und Datum Place and date Freigericht, 01.06.2026  Unterschrift für den Versender Signature on behalf of shipper			

BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG) TRANSPORT DOCUMENT FOR DANGEROUS GOODS (IMO-DANGEROUS GOODS DECLARATION)

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MATERIAL SAFETY DATA SHEET

according (EG) 1907/2006 (Reach), revised with 2020/878/EU

date of issue: 15.01.2009

revised 02:04:2024

product: BINAL

version: 2.0 /ENG supersedes VERSION 1:0/EN



Dr. Bilger Umweltconsulting GmbH

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MATERIAL SAFETY DATA SHEET

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

1.1 Product identifier

Trade name:

BINAL®

REACH registration No.: 01-2119484805-27-0002

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

Identified use: Chem. production, metallurgy, additive for aluminium casting, production of Polyamid12, conditioning and etching of fluorinated plastics, dehalogenation and desulfuration of mineral oil, as a reducing agent for chemical syntheses

uses advised against: any non-industrial and/or scientific related application

1.3 Details of the supplier of the safety data sheet

Supplier Dr. Bilger Umweltconsulting GmbH
Gewerbepark Birkenhain 7a
D-63579 Freigericht

Telefon: +49-(0)6051-916695

e-Mail: info@bilgergmbh.de

1.4 Emergency telephone number

Emergency telephone: Tel.: +49-(0)6051-91669-51
This number is only active during normal opening hours.

Emergency support **Information Munich: +49/ (0)89 19240**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Regulation (EG) No. 1272/2008,	
Hazard class/- category	Hazard notes
in contact with water releases flammable gases which may ignite spontaneously (category 1)	H260
Causes severe skin burns (subcategory 1B) and severe eye damage (category 1)	H314

2.2 Label elements

MATERIAL SAFETY DATA SHEET

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GHS02



GHS05

Signal word: DANGERHazard statements

H260 in contact with water releases flammable gases which may ignite spontaneously
 H314 Causes severe skin burns and eye damage.

Precautionary statements:

Precautionary statements Precaution

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Precautionary statements Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continuous rinsing.
 P370+P378 In case of fire: Use metal fire powder for extinction. NO WATER.
 P308+P311 IF exposed or concerned: immediately call a POISON CENTER or doctor/physician.

Precautionary statements Storage:

P402+P404 Store in a dry place. Store in a closed container

Additional precautions

EUH014 reacts violently with water

2.3 Other hazards**Results of the PBT and vPvB assessment**

According to the results of its assessment, this substance is neither a PBT nor a vPvB substance.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients**3.1 Substance:** sodium, chemical element, metal (Na)

Formule Na
Mol. Weight: 22.98 g/mol
CAS-No.: 7440-23-5
EG-Nr.: 213-132-9
EINECS: 231-132-9
Index-No.: 011-001-00-0
Purity: >99.9 %

3.2 Mixture: not applicable:**SECTION 4: First aid measures**

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4.1 Description of First aid measures

General information: Remove contaminated clothing immediately. In case of health Consult a doctor if health problems occur.

After inhalation: Move immediately to fresh air after inhalation of smoke produced by the reactions. If unconscious, keep on the side and seek medical advice. Remove to fresh air. Oxygen or artificial respiration if necessary. Call a doctor immediately.

After skin contact: Remove metal with spatula and then rinse with plenty of water. In case of contact with liquid sodium, remove clothing immediately, Remove sodium with dry cloth, wash with plenty of water, consult a doctor.

After eye contact: Immediately remove metal carefully. Remove contact lenses. Then rinse thoroughly with Rinse thoroughly with plenty of water until a doctor arrives.

After ingestion: Do NOT induce vomiting. Rinse out mouth. Give plenty of water to drink; Consult a doctor immediately.

Notes for physician: Medical treatment according to alkali burn. Show this safety data sheet to the doctor in attendance.

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

Symptoms: Ingestion may cause the following symptoms: Burning, Pain, Diarrhoea, Vomiting, Decreased blood pressure, Respiratory problems, Symptoms may be delayed.

Inhalation may cause the following symptoms: Irritating to respiratory system, altered lung function or difficulty breathing.

Skin contact may cause the following symptoms: Burn

Eye contact may cause the following symptoms: Burn

Health effects from repeated exposure may include: Irritation of the respiratory system.

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

Treatment: Delayed rupture or constriction of the gastrointestinal tract may occur after ingestion. Close monitoring is recommended.

SECTION 5: Firefighting measures

5.1 Extinguishing Media

Suitable: Dry soda ash, Extinguishing powder class D, dry salt, dry concrete

Unsuitable: Water, CO₂, extinguishing agents class A, B, C, E and foam

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5.2 Special hazards arising from substance or mixture

Product releases hydrogen gas on contact with water.
Emits toxic fumes under fire conditions.

5.2 Advice for firefighters

Keep away from sources of ignition due to possible formation of hydrogen;
Do not inhale fumes under any circumstances; risk of chemical burns to mucous membranes,
Move people immediately to the side facing away from the wind
In case of fire, wear self-contained breathing apparatus against corrosive
oxide smoke. Wear full chemical protection suit.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non-emergency personnel**

Use appropriate protective equipment (including the personal protective equipment mentioned in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing.
Contamination of skin, eyes and personal clothing.
Avoid contact with skin, eyes and clothing.

6.1.2 For emergency responders:

Use personal protective equipment (such as Nomex). Avoid dust formation.
Avoid breathing dust. Ensure adequate ventilation.
Remove all sources of ignition. Evacuate personnel to safe areas.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so.
Do not let product enter drains. Risk of explosions

6.3 Methods and material for containment and clean-up

Cover drains
Pick up mechanically and arrange disposal without creating dust.
Do not flush with water. Keep in suitable, closed containers for disposal.
Dispose of in suitable containers

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. incompatible materials: see section 10.
disposal information: see section 13.

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

Open and handle container with care. Store sodium under paraffin oil, nitrogen or argon.
Protect from moisture-
Always keep containers tightly closed. The work area must be well ventilated. Wash hands before breaks and at the end of work. Keep away from food and drink. Do not smoke while working.

7.2 Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and containers:

dry, no sprinkler system, floor level raised compared to surroundings

Information on storage together:

Corresponding to storage class 4.3 (substances that form flammable gases on contact with water).

Observe storage prohibitions. Do not store together with highly flammable liquids

Further information on storage conditions

Recommended storage temperature: 10 -30° C

7.3 Specific end use(s) no information available**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Additional advices for design of technical equipment:**

provide fire extinguisher metal class D

Risk of corrosion

Exposure limit values: Not applicable**8.2 Exposure controls****Personal Protection****General protection**

avoids any contact with eyes and skin.
No eating, drinking or smoking allowed
Keep workplace dry

Respiratory Protection:

Normally there is no respiration protection necessary.
In exceptional case (at example: accidental release) it is necessary to wear respiration protection.

Hand Protection:

nitrile covered gloves

Protective gloves must comply with the EC Directive 89/686/EEC and the related standards EN 374. Check tightness before use.

Recommended for example:

- Material: NBR (Nitril rubber)
 - Thickness: > 0.11 mm.
 - break through time: > 480 Minutes (Permeation level 6)
- Take rest periods to regenerate the skin. Preventive skin protection (protective creams/ointments) is recommended.

Eye Protection:

splash goggles, in exceptional cases it is necessary to wear a full length face shield

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Dr. Bilger Umweltconsulting GmbH

Body protection: Generally flame-retardant protective clothing.
Special protective clothing is required when working with large quantities of sodium; manufacturer's list available on request

Limiting and monitoring exposure:

Prevent from entering the sewage system or surface and ground water.
groundwater. Explosion hazard.

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

a) Physical state:	solid
b) Colour:	silvery
c) Odour:	odourless
d) Melting point	97.8 °C
e) Boiling point	892 °C
p) Density (20 °C)	0,97 g/cm ³

9.2 Other information none

SECTION 10: Stability and reactivity

10.1 Reactivity see section 10.3

10.2 Chemical stability sensitive to moisture

10.3. Possibility of hazardous reactions

Explosion hazard and risk of ignition or formation of flammable gases or vapors with:

Water, alcohols, aluminium halides, ammonium compounds, metal salts, boron compounds, bromine, azides, halogenated hydrocarbons, organ. halogenides, chlorine, chlorates, chloroform, hydrogen chloride gas, chromium(VI) oxide, dichloromethane, ether, dimethylformamide, halogen oxides, ethanol, methanol, alkyl nitrates, nitrites, fluorine, halogens, hydrazines, hydrazine hydrate, hydroxylamine, iodine, halogen-halogen compounds, peroxides, activated carbon, carbon monoxide, copper compounds, metal oxides, organic nitro compounds, heavy metal salts, perchlorates, phosphorus halides, phosphorus oxides, silicon compounds, silver compounds, selenium, sulphur dioxide, carbon disulphide, hydrogen sulphide, sulphur, acid chlorides, oxygen, hydrochloric acid, nitric acid, mercury compounds, mercury, nitrogen dioxide

10.4 Conditions to avoid

Conditions to be avoided: High humidity, high temperature

10.5 Incompatible materials: see section 10.3

10.6. Hazardous decomposition products: see section 5

SECTION 11: Toxicological information

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

a) acute toxicity;	Mucous membrane irritation, cough, shortness of breath, Possible consequences: Damage to the respiratory tract
acute oral toxicity:	If swallowed, severe causticity of the mouth and throat and risk of perforation of the oesophagus and stomach.
b) skin corrosion/irritation;	Corrosive effect on skin and mucous membranes
c) serious eye damage/irritation;	Strong corrosive effect. Causes severe eye damage
d) respiratory or skin sensitisation;	no information available
e) germ cell mutagenicity;	no information available
f) carcinogenicity;	no information available
g) reproductive toxicity;	no information available
h) STOT-single exposure;	no information available
i) STOT-repeated exposure;	no information available
j) aspiration hazard:	no information available

11.2 Information on other hazards**11.2.1 Endocrine disrupting properties**Contains no endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.**11.2.2 Other information**

Decomposition of the substance with the moisture of the tissues. The usual precautionary measures for handling chemicals must be observed.

SECTION 12: Ecological information

12.1 Toxicity:	No information available.
12.2 Persistence and degradability:	No information available.
12.3 Bioaccumulative potential:	No information available.
12.4 Mobility in soil:	No information available.
12.5 Results of PBT and PBT/vPvB:	Not applicable for inorganic substances.
12.6 Endocrine disrupting properties	Contains no endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.
12.7 Other adverse effects	decomposition product reacting with water: Sodium hydroxide Entry into the environment must be avoided.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Product	Call the supplier for technical advice in the individual case. Pick up the material and transfer in dry drum, close tightly and store in UN-x-coded transport drum. Sodium disposal must not be attempted by inexperienced people. Transport to incineration plant according to ADR-regulation No. 4.3; I
Large quantities	collect in steel drum and cover with dry oil.
Small quantities	pick up in a small steel bin, let react with Isopropanol, then add water in small quantities

Packaging

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Steel Packaging	clean with isopropanol carefully if necessary and rinse with water before disposal. Do not drain into municipal water system.
Emptied packaging:	Household waste or to recycling companies
Other information	the six-digit waste code is used in accordance with AVV industry-, process-type-, origin- and material-specific, Dispose of in accordance with federal, state and local regulations. Observe Waste Directive 2008/98/EC.

SECTION 14: Transport information**14.1 UN number or ID number:** UN1428**14.2 UN proper shipping name:**

ADR/RID/ADN	NATRIUM
IMDG-Code	SODIUM
ICAO-TI	Sodium

14.3 Transport hazard class(es): 4.3**14.4 Packing group:** I**14.5 Environmental hazards:** Not hazardous to the environment according to dangerous goods regulations**14.6 Special precautions for user****14.7 Maritime transport in bulk according to IMO instruments**

Not transported as bulk cargo.

Rail and Road ADR/RID/GGVSE:

ADR/RID-GGVS/E class:	4.3 (W2) Material that emits flammable gases on contact with water.
Kemler-Zahl:	X423
UN-NO:	1428
Packaging Group:	I
Lable:	4.3
Identification:	1428 Sodium
Limited quantity (LQ):	LQ0
Transport category:	1
Tunnel restriction code:	B/E

**Sea IMDG/GGVSea:**

IMDG/GGVSea-class:	4.3
UN-NO:	1428
Lable	4.3
Packaging Group:	I
Limited quantity (LQ):	LQ0
Identification:	SODIUM
EMS:	F-G S-N
Air ICAO-TI und IATA-DGR:	



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ICAO/IATA-class: 4.3
UN/ID-NO: 1428
Lable 4.3
Packaging Group: I
Identification: SODIUM
IATA (Passenger): Transport forbidden
IATA (cargo plane): Transport accepted
UN "Model Regulation ": UN1428, Sodium, 4.3, I

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

2012/18/EU (SevesoIII)				
No.	Hazardous substance/hazard categories	Quantity threshold (in tonnes) for use in factory lower and upper classes		Note
01	other hazards (EUH014)	100	500	58)
02	other hazards (water react., cat. 1)	100	500	59)

Note

58) Substances or mixtures with the hazard statement EUH014

59) Substances and mixtures which, in contact with water, emit flammable gases, hazard category 1

Occupational restrictions Take note of Dir 94/33/EC on the protection of young people at Work

Regulation (EC) No 1006/2009 on substance that deplete the ozone layer:

not regulated

Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Dir. 79/117/EEC:

not regulated

Substances of very high concern (SVHC):

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (EACH), Article 57 above respective regulatory concentration limit of $\geq 0.1\%$ (w/w).

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this product for quantities below 10 tons or more per year per registrant.

SECTION 16: Other information**a) Indication of where changes have been made to the previous version**

Kap. 2.3 new design

Kap. 5.4 and 5.3 combined under 5.3

Kap. 5.5 deleted

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Kap.7.2 title adjusted and text revised
 Kap. 8.1 und 8.2 title adjusted and text revised
 Kap. 9 adjusted to legislation 2020/8978/EU
 Kap. 10.5 and 10.6 new
 Kap. 11.2 Text revised
 Kap. 12.6 and 12.7 revised
 Section 14 Layout new
 Kap. 15.1 Merkblatt M019 Natrium new in the list
 Kap. 16b Legend to abbreviations inserted

b) Legend to abbreviations

ADR Accord relatif au transport international des marchandises dangereuses par route
 (Convention concerning the International Carriage of Dangerous Goods by Road)
 IATA International Air Transport Association

IATA/DGR Dangerous Goods Regulations (DGR) for the air transport (IATA)

ICAO International Civil Aviation Organization

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Règlement concernant le transport International ferroviaire des marchandises
 Dangereuses (Regulations concerning the International Carriage of Dangerous Goods by
 Rail)

PBT Persistent, Bioaccumulative and toxic

vPvB Very Persistent and very Bioaccumulative

c) Literature

Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances
 and mixtures.

Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU

e) Full text of H-statements referred to under sections 2 and 3.**Labelling**

Hazard pictograms



Signal word Danger

Hazard statements

H260 in contact with water releases flammable gases which may ignite spontaneously

H314 Causes severe skin burns and eye damage

EUH014 Reacts violently with water

Precautionary statements

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Prevention

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continuous rinsing.
P370+P378 In case of fire: Use metal fire powder for extinction. NO WATER.
P308+P311 IF exposed or concerned: immediately call a POISON CENTER or doctor/physician.

Storage

P402+P404 Store in a dry place. Store in a closed container

f) Training advice

Provide adequate information, instruction and training operators.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

This information is taken from sources based upon data believed to be reliable.

However, Dr. Bilger Umweltconsulting GmbH makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions.

Local laws and regulations have to be considered by the customer upon own responsibility.



SICHERHEITSDATENBLATT Gemäß Verordnung (EG) 1907/2006 (REACH)

1. Stoff-, Zubereitungs- und Firmenbezeichnung

1.1 Bezeichnung des Stoffes/der Zubereitung

Handelsname:

Natrium

REACH Registrierungsnummer: Vorregistrierungsnummer 05-2114257078-45-0000

1.2 Verwendung des Stoffes/der Zubereitung

- 1.2.1 Identifizierte Verwendungen: Chemische Produktion, Metallurgie, Bleiraffination, Veredelungsmittel für Aluminiumguss, Herstellung von Polyamid12, Bearbeitung oder Ätzen von fluorierten Kunststoffen, Dehalogenierung und Entschwefelung von Mineralöl, als Reduktionsmittel in der chemischen Synthese

Unter Einhaltung der in der Anlage zu diesem SDB beschriebenen Bedingungen.

1.3 Bezeichnung des Unternehmens

Lieferant /Hersteller/ Dr. Bilger Umweltconsulting GmbH
 Importeur/nachgeschalteter Gewerbepark Birkenhain 7a
 Anwender/Händler DE-63579 Freigericht
 Telefon: +49-(0)6051-9166951

e-Mail (fachkundige Person) info@bilgergmbh.de

Kontaktstelle für Information Abt. F+E : Telefon: +49-(0)6051-91669-54

Nationaler Ansprechpartner Abt. F+E : Telefon: +49-(0)6051-91669-54

- 1.4 **Notfallauskunft/:** Tel.: +49-(0)6051-91669-51
Notfallnummer Diese Nummer ist nur zu Bürozeiten besetzt.

2. Mögliche Gefahren

2.1 Einstufung:

Verordnung (EG) Nr. 1272/2008,	Anhang VII
Gefahrenklasse/- kategorie	Gefahrenhinweis
Wassergefährdungsklasse 1	H260
Skin Corr. 1B	H314

67/548/EWG oder 1999/45/EG	
Gefährlichkeitsmerkmal	R-Sätze
Leichtentzündlich (F)	R 14/15
Ätzend (C)	R 34



2.2 Kennzeichnungselemente



Flamme



Ätzwirkung

Gefahr

H260	In Berührung mit Wasser entstehen entzündbare Gase, die sich spontan entzünden können.
H314	Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
EUH014	Reagiert heftig mit Wasser
P223	Kontakt mit Wasser wegen heftiger Reaktion und möglichem Aufflammen unbedingt verhindern.
P280	Schutzhandschuhe / Schutzkleidung / Augenschutz / Gesichtsschutz tragen.
P303 + P361 + P353	BEI KONTAKT MIT DER HAUT (oder dem Haar): Alle beschmutzten, getränkten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen/duschen.
P305 + P351 + P338	BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen.
P370 + P378	Bei Brand: Metallbrandpulver Klasse D zum Löschen verwenden.
P402 + P404	In einem geschlossenen Behälter an einem trockenen Ort aufbewahren

2.3 Sonstige Gefahren

Keine Daten vorhanden

3. Zusammensetzung / Angaben zu Bestandteilen

3.1 Angaben zum Stoff: Natrium, chemisches Element, Metall

CAS-Nr.: 7440-23-5
 EG-Nr.: 213-132-9
 EINECS: 231-132-9
 Index-Nr.: 011-001-00-0
 VorregistrierungsNr.: 05-2114257078-45-0000
 Reach RegistrierungsNr.: 01-2119484805-27-0001

Reinheit: >99.9 %

3.2 Zusätzliche Hinweise:

Die Übergangsfrist gemäß REACH-Verordnung, Artikel 23, ist noch nicht abgelaufen.

4. Erste-Hilfe-Maßnahmen

4.1 Beschreibung der Erste-Hilfe-Maßnahmen

Allgemeine Hinweise: Beschmutzte Kleidung sofort ausziehen. Bei Auftreten von Gesundheitsstörungen Arzt hinzuziehen.

nach Einatmen: Nach Einatmen des bei den Reaktionen entstehenden Rauchs sofort an die frische Luft gehen. Bei Bewusstlosigkeit stabile Seitenlage anwenden



und ärztlichen Rat einholen. An die frische Luft bringen. Sauerstoff oder, falls erforderlich, künstliche Beatmung. Sofort Arzt hinzuziehen.

- nach Hautkontakt:** Metall mit Spatel entfernen und danach mit viel Wasser spülen bei Kontakt mit flüssigem Natrium sofort Kleidung ausziehen, Natrium mit trockenem Tuch entfernen, mit viel Wasser waschen, Arzt aufsuchen.
- nach Augenkontakt:** Metall sofort sorgfältig entfernen. Kontaktlinsen entfernen. Dann bei geöffnetem Lidspalt gründlich mit viel Wasser spülen, bis zum Eintreffen des Arztes weiterspülen.
- nach Verschlucken:** KEIN Erbrechen erzwingen. Mund ausspülen. Viel Wasser trinken lassen; sofort Arzt konsultieren.
- Hinweise für Arzt:** Behandlung wie Laugenverätzung. Dem Arzt Sicherheitsdatenblatt vorlegen.

4.2 Wichtigste akute oder verzögert auftretende Symptome und Wirkungen

- Symptome:** Verschlucken kann folgende Symptome hervorrufen: Verbrennung, Schmerz, Durchfall, Erbrechen, Erniedrigter Blutdruck, Atemprobleme, Symptome können verzögert auftreten.
- Einatmen kann folgende Symptome hervorrufen: Reizt die Atmungsorgane, veränderte Lungenfunktion oder Atemschwierigkeiten.
- Hautkontakt kann folgende Symptome hervorrufen: Verbrennung
- Augenkontakt kann folgende Symptome hervorrufen: Verbrennung
- Zu den Gesundheitsschäden durch wiederholte Exposition können gehören: Reizung der Atmungsorgane.

4.3 Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

- Behandlung:** Nach Verschlucken kann ein verspätet auftretender Durchbruch oder eine Verengung des Magen-Darm-Trakts eintreten. Eine genaue Überwachung wird empfohlen.

5. Maßnahmen zur Brandbekämpfung

5.1 geeignete Löschmittel: Metallbrandpulver Klasse D, trockenes Kochsalz, Sand, Zement

5.2 Aus Sicherheitsgründen ungeeignete Löschmittel:

Wasser, CO₂, Löschmittel der Brandklassen A, B, C und E

5.3 Besondere Gefährdung durch den Stoff oder das Produkt selbst, seine Verbrennungsprodukte oder entstehende Gase:

von Zündquellen fern halten wegen möglicher Bildung von Wasserstoff; Verätzung der Schleimhäute, Rauch keinesfalls einatmen; Personen sofort auf windabgewandte Seite bringen

5.4 besondere Schutzausrüstung bei der Brandbekämpfung:

Im Brandfall umluftunabhängigen Atemschutz gegen ätzenden Oxidrauch



5.5 Zusätzliche Hinweise:

Brandklasse: D

6. Maßnahmen bei unbeabsichtigter Freisetzung

6.1 personenbezogene Vorsichtsmaßnahmen: Entfernen von Zündquellen. Gefährdeten Bereich räumen, betroffene Umgebung warnen. Zur Beseitigung des gefährlichen Zustandes darf der Gefahrenbereich nur mit geeigneten Schutzmaßnahmen betreten werden. Feuchtigkeit fernhalten. Atem-, Augen-, Hand- und Körperschutz tragen. Verhindern von Haut- und Augenkontakt

6.2 Umweltschutzmaßnahmen: nicht in die Kanalisation gelangen lassen; Explosionsgefahr!

6.3 Verfahren zur Reinigung/ Aufnahme: Nach Verschütten und Auslaufen kleinerer Mengen vorsichtig trocken aufnehmen und in geeigneten, dicht schließenden X-zugelassenen Behältern sammeln; anschließend mit trockenem Öl abdecken

6.4 Zusätzliche Hinweise: Zündquellen fernhalten, nicht rauchen, offene Flammen vermeiden

7. Handhabung und Lagerung

7.1 Handhabung

7.1.1 Hinweise zum sicheren Umgang Natrium unter Paraffinöl, Stickstoff oder Argon verpackt lagern vor Nässe schützen, Gebinde stets dicht verschlossen halten. Der Arbeitsbereich muss trocken und gut belüftet sein. Personal muss feuerfeste Kleidung, Gestellbrille mit Seitenschutz und nitrilbeschichtete Handschuhe tragen. Mindeststandards gemäß TRGS 500 einhalten. Bei der Gestaltung des Arbeitsverfahrens sind die Modelllösungen der Schutzleitfäden der 100er und 200er-Reihe zu berücksichtigen. ([http://www.baua.de/nn_5846/de/Themen-von-A- Z/ Gefahrstoffe/EMKG/Schutzleitfaeden](http://www.baua.de/nn_5846/de/Themen-von-A-Z/Gefahrstoffe/EMKG/Schutzleitfaeden))

7.1.1 Hinweise zum Brand- und Explosionsschutz: Ausschluss jeglicher Feuchtigkeit, da mit Wasser heftige Reaktion unter Bildung explosionsfähiger, selbstentzündlicher Wasserstoff-Luft- Gemische (Knallgas). Trocken halten.

7.2 Lagerung

7.2.1 Anforderungen an Lagerräume und Behälter: trocken, keine Sprinkleranlage, Bodenniveau gegenüber Umgebung erhöht
 Anforderung an die Lagerbeschaffenheit gemäß WGK: 1

7.2.2 Zusammenlagerungshinweise: Entsprechend Lagerklasse: siehe Punkt 7.2.4
 nicht mit leicht brennbaren Flüssigkeiten zusammen lagern

7.2.3 Weitere Angaben zu den Lagerbedingungen Empfohlene Lagertemperatur: Lagerung bei Raumtemperatur

7.2.4 Lagerklasse (VCI Konzept) 4.3 Stoffe, die bei Berührung mit Wasser entzündliche Gase bilden.



8. Expositionsgrenzen und persönliche Schutzausrüstung

8.1 Zusätzliche Hinweise zur Ge- Feuerlöscheinrichtungen sind bereitzustellen
staltung techn. Anlagen: Korrosionsgefahr

8.2 Bestandteile mit arbeitsplatzbezogenen, zu überwachenden Grenzwerten:

Entfällt

8.3 **Persönliche Schutzausrüstung**

8.3.1 allgemeine Schutz- und Hygienemaßnahmen: Berührung mit den Augen und der Haut vermeiden.
 Während der Arbeit nicht essen, trinken, rauchen.
 Auf Trockenheit achten

8.3.2 Atemschutz: In der Regel keine besonderen Schutzmaßnahmen erforderlich.
 In Ausnahmesituationen (z.B. unbeabsichtigte Stofffreisetzung)
 ist das Tragen von Atemschutz erforderlich.

8.3.3 Handschutz: nitrilbeschichtete Handschuhe

8.3.4 Augenschutz: Gestellbrille mit Seitenschutz
 Ist nicht nur das Auge, sondern auch das Gesicht gefährdet,
 ist zusätzlich ein Schutzschirm zu benutzen.

8.3.5 Körperschutz: Generell flammhemmend ausgerüstete Schutzkleidung.
 Bei der Arbeit mit größeren Mengen Natrium ist spezielle
 Schutzkleidung erforderlich; Herstellerliste auf Anfrage

9. Physikalische und chemische Eigenschaften

9.1 **Erscheinungsbild**

9.1.1 Form: fest

9.1.2 Farbe: metallisch grau

9.1.3 Geruch: geruchlos

9.2 **Sicherheitsrelevante Daten**

**9.2.1 Schmelzpunkt/
Schmelzbereich** 97,85 °C

9.2.2 Siedepunkt/Siedebereich 892 °C

9.2.3 Zündtemperatur 115 °C

9.2.4 Viskosität (100 °C) 0,68 mPa.s

9.2.5 Dichte (20 °C) 0,97 g/cm³

9.2.6 Löslichkeit in Wasser n. a. / heftige Zersetzung



10. Stabilität und Reaktivität

- 10.1 Zu vermeidende Bedingungen:** hohe Luftfeuchtigkeit, hohe Temperaturen
- 10.2 Zu vermeidende Stoffe:** Wasser, Oxidationsmittel, Luft, Alkohole, Halogene, Säuren
Schwermetallpulver
- 10.3 Gefährliche Zersetzungsprodukte:** mit Wasser heftige Reaktion unter Bildung von Wasserstoff und stark alkalisch ätzender Natronlauge;
Explosionsgefahr durch Bildung von Knallgas; reagiert heftig mit Halogenen, Halogenkohlenwasserstoffen und Oxidationsmitteln
- 10.4 Sonstige Angaben** In geschlossener und unbeschädigter Verpackung ist Natrium mehrere Jahre stabil

11. Toxikologische Angaben

Akute Toxizität:

Primäre Reizwirkung

an der Haut:

am Auge:

Sensibilisierung:

Zusätzliche toxikologische

Hinweise:

Ätzende Wirkung auf Haut und Schleimhaut

Starke Ätzwirkung

Keine sensibilisierende Wirkung bekannt

Bei Verschlucken starke Ätzwirkung des Mundraumes und Rachens sowie Gefahr der Perforation der Speiseröhre und des Magens.

Nach unserem derzeitigen Wissensstand ist die akute und chronische Toxizität dieses Stoffes nicht gänzlich bekannt. Keine Daten zur Klassifizierung dieses Stoffes hinsichtlich seiner Karzinogenität aus EPA, IARC, NTP, OSHA oder ACGIH verfügbar.

12. Angaben zur Ökologie

Allgemeine Hinweise: Wassergefährdungsklasse 1: schwach wassergefährdend

13. Hinweise zur Entsorgung

13.1 Entsorgung / Abfall (Produkt)

13.1.1 Große Natriummengen in einem Behälter mit inertem Lösemittel oder unter Inertgas (z. B. Stickstoff) sammeln.

13.1.2 Kleine Natriummengen vorsichtig in kleinen Portionen in niedrigsiedende Alkohole, z. B. Butanol (Überschuss) eintragen. Das entstandene Alkoholat durch langsame Wasserzugabe zerstören.

13.1.3 Entsorgungsart Verbrennungsanlage

13.1.4 Nachweispflicht ja

13.1.5 ungebrauchtes Produkt in unbeschädigter Verpackung zurück an den Hersteller/Lieferanten

13.2 Verpackungen

13.2.1 ungereinigte Verpackungen sorgfältig mit Isopropanol und anschließend mit Wasser waschen. Nicht in Gewässer oder in die Kanalisation gelangen lassen.



13.2.2 Restentleerte Verpackung: Hausmüll bzw. zu Recycling-Unternehmen

13.3 Sonstige Angaben Der sechsstellige Abfallschlüssel ist nach AVV branchen-, prozessart-, herkunfts- oder abfallartenspezifisch zuzuordnen. Entsorgen im Einklang mit Bundes-, Länder- und lokalen Vorschriften.

14. Angaben zum Transport

14.1 Landtransport ADR/RID/GGVSE:



ADR/RID-GGVS/E Klasse: 4.3 (W2) Stoffe, die in Berührung mit Wasser entzündbare Gase entwickeln
Kemler-Zahl: X423
UN-Nummer: 1428
Verpackungsgruppe: I
Gefahrzettel: 4.3
Bezeichnung d. Gutes: 1428 Natrium
Begrenzte Menge (LQ): LQ0
Beförderungskategorie: 1
Tunnelbeschränkungscode: B/E

14.2 Seeschifftransport IMDG/GGVSee:



IMDG/GGVSee-Klasse: 4.3
UN-Nummer: 1428
Lable 4.3
Verpackungsgruppe: I
Richtiger techn. Name: SODIUM

14.3 Lufttransport ICAO-TI und IATA-DGR :



ICAO/IATA-Klasse: 4.3
UN/ID-Nummer: 1428
Verpackungsgruppe: 4.3
Richtiger techn. Name: SODIUM

UN“Model Regulation“: UN1428, Natrium, 4.3,I

Dr. Bilger Umweltconsulting GmbH
 Gewerbepark Birkenhain 7a, 63579 Freigericht
 Sicherheitsdatenblatt gemäß Verordnung (EG)
 1907/2006 (Reach)
 erstellt am: 15.01.2009
 überarbeitet am: 12.05.2016



Dr. Bilger Umweltconsulting GmbH

Produkt: Natrium
 Version: 2.0 / DE

Druckdatum: 13.05.2016
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15. Rechtsvorschriften

15.1 Kennzeichnung nach EU-Richtlinien

15.1.1 Kennbuchstabe und

Gefahrenbezeichnung:



F; leicht entzündlich



C; ätzend

15.1.2 R-Sätze

R14/15: Reagiert heftig mit Wasser unter Bildung leichtentzündlicher Gase

15.1.3 S-Sätze

R34: Verursacht Verätzungen

S05: Unter Schutzgas oder Paraffinöl aufbewahren

S08: Behälter trocken halten

S43: Zum Löschen trockenen Sand oder Kochsalz verwenden - kein Wasser verwenden

S45: Bei Unfall oder Unwohlsein sofort Arzt zuziehen (wenn möglich, das Etikett vorzeigen)

15.1.4 berufsgenossenschaftliche/ arbeitsmedizinische Vorschriften:

siehe Natrium-Merkblatt M019 der BG-Chemie

Nationale Vorschriften:

Hinweis zur Beschäftigungsbeschränkung:

Beschäftigungsbeschränkungen für Jugendliche beachten.
 Gebrauch nur durch techn. qualifizierte Personen.

Klassifizierung nach Betriebs-sicherheitsverordnung (BetrSichV):

Wassergefährdungsklasse 1 (Natronlauge aus Reaktion mit Wasser)

16. sonstige Angaben

Arbeitgeber sollen diese Information nur als Ergänzung zu deren eigenen Ergebnissen betrachten und unabhängig über deren Anwendbarkeit entscheiden, sodass die richtige Anwendung und somit die Gesundheit und Sicherheit der Angestellten gewährleistet ist. Diese Information beinhaltet keine gesetzliche Garantie und jeglicher Gebrauch des Produktes abweichend von diesem Sicherheitsdatenblatt, oder der Gebrauch in Kombination mit irgendeinem anderen Produkt oder Prozess obliegt allein der Verantwortung des Anwenders.

R14/15: Reagiert heftig mit Wasser unter Bildung leichtentzündlicher Gase

R34: Verursacht Verätzungen

Merkblatt M 019 Natrium der BG Chemie
 Leitfaden Sicherheitsdatenblatt des VCI (Stand April 2008)
 Chemikaliengesetz in der Fassung vom 20.06.2002
 Gefahrstoffverordnung in der Fassung vom 23.12.2004

Die vorstehenden Angaben stützen sich auf den heutigen Stand unserer Kenntnisse und Erfahrungen und stellen keine Zusicherung von Eigenschaften dar.
 Bestehende Gesetze und Bestimmungen sind vom Empfänger unseres Produktes in eigener Verantwortung zu beachten.

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MATERIAL SAFETY DATA SHEET

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

1.1 Product identifier

Trade name:

BINAL®

REACH registration No.: 01-2119484805-27-0002

1. Relevant identified uses of the substance or mixture and uses advised against

Identified use: Chem. production, metallurgy, additive for aluminium casting, production of Polyamid12, conditioning and etching of fluorinated plastics, dehalogenation and desulfuration of mineral oil, as a reducing agent for chemical syntheses

uses advised against: any non-industrial and/or scientific related application

1.3 Details of the supplier of the safety data sheet

Supplier Dr. Bilger Umweltconsulting GmbH
Gewerbepark Birkenhain 7a
D-63579 Freigericht

Telefon: +49-(0)6051-916695

e-Mail: info@bilgergmbh.de

1.4 Emergency telephone number

Emergency telephone: Tel.: +49-(0)6051-91669-51
This number is only active during normal opening hours.

Emergency support **Information Munich: +49/ (0)89 19240**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Regulation (EG) No. 1272/2008,	
Hazard class/- category	Hazard notes
in contact with water releases flammable gases which may ignite spontaneously (category 1)	H260
Causes severe skin burns (subcategory 1B) and severe eye damage (category 1)	H314

2.2 Label elements

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GHS02



GHS05

Signal word: DANGERHazard statements

H260 in contact with water releases flammable gases which may ignite spontaneously
 H314 Causes severe skin burns and eye damage.

Precautionary statements:

Precautionary statements Precaution

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Precautionary statements Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continuous rinsing.
 P370+P378 In case of fire: Use metal fire powder for extinction. NO WATER.
 P308+P311 IF exposed or concerned: immediately call a POISON CENTER or doctor/physician.

Precautionary statements Storage:

P402+P404 Store in a dry place. Store in a closed container

Additional precautions

EUH014 reacts violently with water

2.3 Other hazards**Results of the PBT and vPvB assessment**

According to the results of its assessment, this substance is neither a PBT nor a vPvB substance.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients**3.1 Substance:** sodium, chemical element, metal (Na)

Formule Na
Mol. Weight: 22.98 g/mol
CAS-No.: 7440-23-5
EG-Nr.: 213-132-9
EINECS: 231-132-9
Index-No.: 011-001-00-0
Purity: >99.9 %

3.2 Mixture: not applicable:**SECTION 4: First aid measures**

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4.1 Description of First aid measures

General information: Remove contaminated clothing immediately. In case of health Consult a doctor if health problems occur.

After inhalation: Move immediately to fresh air after inhalation of smoke produced by the reactions. If unconscious, keep on the side and seek medical advice. Remove to fresh air. Oxygen or artificial respiration if necessary. Call a doctor immediately.

After skin contact: Remove metal with spatula and then rinse with plenty of water. In case of contact with liquid sodium, remove clothing immediately, Remove sodium with dry cloth, wash with plenty of water, consult a doctor.

After eye contact: Immediately remove metal carefully. Remove contact lenses. Then rinse thoroughly with Rinse thoroughly with plenty of water until a doctor arrives.

After ingestion: Do NOT induce vomiting. Rinse out mouth. Give plenty of water to drink; Consult a doctor immediately.

Notes for physician: Medical treatment according to alkali burn. Show this safety data sheet to the doctor in attendance.

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

Symptoms: Ingestion may cause the following symptoms: Burning, Pain, Diarrhoea, Vomiting, Decreased blood pressure, Respiratory problems, Symptoms may be delayed.

Inhalation may cause the following symptoms: Irritating to respiratory system, altered lung function or difficulty breathing.

Skin contact may cause the following symptoms: Burn

Eye contact may cause the following symptoms: Burn

Health effects from repeated exposure may include: Irritation of the respiratory system.

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

Treatment: Delayed rupture or constriction of the gastrointestinal tract may occur after ingestion. Close monitoring is recommended.

SECTION 5: Firefighting measures

5.1 Extinguishing Media

Suitable: Dry soda ash, Extinguishing powder class D, dry salt, dry concrete

Unsuitable: Water, CO₂, extinguishing agents class A, B, C, E and foam

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5.2 Special hazards arising from substance or mixture

Product releases hydrogen gas on contact with water.
Emits toxic fumes under fire conditions.

5.2 Advice for firefighters

Keep away from sources of ignition due to possible formation of hydrogen;
Do not inhale fumes under any circumstances; risk of chemical burns to mucous membranes,
Move people immediately to the side facing away from the wind
In case of fire, wear self-contained breathing apparatus against corrosive
oxide smoke. Wear full chemical protection suit.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non-emergency personnel**

Use appropriate protective equipment (including the personal protective equipment mentioned in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing.
Contamination of skin, eyes and personal clothing.
Avoid contact with skin, eyes and clothing.

6.1.2 For emergency responders:

Use personal protective equipment (such as Nomex). Avoid dust formation.
Avoid breathing dust. Ensure adequate ventilation.
Remove all sources of ignition. Evacuate personnel to safe areas.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so.
Do not let product enter drains. Risk of explosions

6.3 Methods and material for containment and clean-up

Cover drains
Pick up mechanically and arrange disposal without creating dust.
Do not flush with water. Keep in suitable, closed containers for disposal.
Dispose of in suitable containers

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. incompatible materials: see section 10.
disposal information: see section 13.

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

Open and handle container with care. Store sodium under paraffin oil, nitrogen or argon.
Protect from moisture-
Always keep containers tightly closed. The work area must be well ventilated. Wash hands before breaks and at the end of work. Keep away from food and drink. Do not smoke while working.

7.2 Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and containers:

dry, no sprinkler system, floor level raised compared to surroundings

Information on storage together:

Corresponding to storage class 4.3 (substances that form flammable gases on contact with water).

Observe storage prohibitions. Do not store together with highly flammable liquids

Further information on storage conditions

Recommended storage temperature: 10 -30° C

7.3 Specific end use(s) no information available**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Additional advices for design of technical equipment:**

provide fire extinguisher metal class D

Risk of corrosion

Exposure limit values: Not applicable**8.2 Exposure controls****Personal Protection****General protection**

avoids any contact with eyes and skin.
No eating, drinking or smoking allowed
Keep workplace dry

Respiratory Protection:

Normally there is no respiration protection necessary.
In exceptional case (at example: accidental release) it is necessary to wear respiration protection.

Hand Protection:

nitrile covered gloves

Protective gloves must comply with the EC Directive 89/686/EEC and the related standards EN 374. Check tightness before use.

Recommended for example:

- Material: NBR (Nitril rubber)
 - Thickness: > 0.11 mm.
 - break through time: > 480 Minutes (Permeation level 6)
- Take rest periods to regenerate the skin. Preventive skin protection (protective creams/ointments) is recommended.

Eye Protection:

splash goggles, in exceptional cases it is necessary to wear a full length face shield

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Body protection: Generally flame-retardant protective clothing.
Special protective clothing is required when working with large quantities of sodium; manufacturer's list available on request

Limiting and monitoring exposure:

Prevent from entering the sewage system or surface and ground water.
groundwater. Explosion hazard.

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

a) Physical state:	solid
b) Colour:	silvery
c) Odour:	odourless
d) Melting point	97.8 °C
e) Boiling point	892 °C
p) Density (20 °C)	0,97 g/cm ³

9.2 Other information none

SECTION 10: Stability and reactivity

10.1 Reactivity see section 10.3

10.2 Chemical stability sensitive to moisture

10.3. Possibility of hazardous reactions

Explosion hazard and risk of ignition or formation of flammable gases or vapors with:

Water, alcohols, aluminium halides, ammonium compounds, metal salts, boron compounds, bromine, azides, halogenated hydrocarbons, organ. halogenides, chlorine, chlorates, chloroform, hydrogen chloride gas, chromium(VI) oxide, dichloromethane, ether, dimethylformamide, halogen oxides, ethanol, methanol, alkyl nitrates, nitrites, fluorine, halogens, hydrazines, hydrazine hydrate, hydroxylamine, iodine, halogen-halogen compounds, peroxides, activated carbon, carbon monoxide, copper compounds, metal oxides, organic nitro compounds, heavy metal salts, perchlorates, phosphorus halides, phosphorus oxides, silicon compounds, silver compounds, selenium, sulphur dioxide, carbon disulphide, hydrogen sulphide, sulphur, acid chlorides, oxygen, hydrochloric acid, nitric acid, mercury compounds, mercury, nitrogen dioxide

10.4 Conditions to avoid

Conditions to be avoided: High humidity, high temperature

10.5 Incompatible materials: see section 10.3

10.6. Hazardous decomposition products: see section 5

SECTION 11: Toxicological information

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

a) acute toxicity;	Mucous membrane irritation, cough, shortness of breath, Possible consequences: Damage to the respiratory tract
acute oral toxicity:	If swallowed, severe causticity of the mouth and throat and risk of perforation of the oesophagus and stomach.
b) skin corrosion/irritation;	Corrosive effect on skin and mucous membranes
c) serious eye damage/irritation;	Strong corrosive effect. Causes severe eye damage
d) respiratory or skin sensitisation;	no information available
e) germ cell mutagenicity;	no information available
f) carcinogenicity;	no information available
g) reproductive toxicity;	no information available
h) STOT-single exposure;	no information available
i) STOT-repeated exposure;	no information available
j) aspiration hazard:	no information available

11.2 Information on other hazards**11.2.1 Endocrine disrupting properties**Contains no endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.**11.2.2 Other information**

Decomposition of the substance with the moisture of the tissues. The usual precautionary measures for handling chemicals must be observed.

SECTION 12: Ecological information

12.1 Toxicity:	No information available.
12.2 Persistence and degradability:	No information available.
12.3 Bioaccumulative potential:	No information available.
12.4 Mobility in soil:	No information available.
12.5 Results of PBT and PBT/vPvB:	Not applicable for inorganic substances.
12.6 Endocrine disrupting properties	Contains no endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.
12.7 Other adverse effects	decomposition product reacting with water: Sodium hydroxide Entry into the environment must be avoided.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Product	Call the supplier for technical advice in the individual case. Pick up the material and transfer in dry drum, close tightly and store in UN-x-coded transport drum. Sodium disposal must not be attempted by inexperienced people. Transport to incineration plant according to ADR-regulation No. 4.3; I
Large quantities	collect in steel drum and cover with dry oil.
Small quantities	pick up in a small steel bin, let react with Isopropanol, then add water in small quantities

Packaging

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Steel Packaging	clean with isopropanol carefully if necessary and rinse with water before disposal. Do not drain into municipal water system.
Emptied packaging:	Household waste or to recycling companies
Other information	the six-digit waste code is used in accordance with AVV industry-, process-type-, origin- and material-specific, Dispose of in accordance with federal, state and local regulations. Observe Waste Directive 2008/98/EC.

SECTION 14: Transport information**14.1 UN number or ID number:** UN1428**14.2 UN proper shipping name:**

ADR/RID/ADN	NATRIUM
IMDG-Code	SODIUM
ICAO-TI	Sodium

14.3 Transport hazard class(es): 4.3**14.4 Packing group:** I**14.5 Environmental hazards:** Not hazardous to the environment according to dangerous goods regulations**14.6 Special precautions for user****14.7 Maritime transport in bulk according to IMO instruments**

Not transported as bulk cargo.

Rail and Road ADR/RID/GGVSE:

ADR/RID-GGVS/E class:	4.3 (W2) Material that emits flammable gases on contact with water.
Kemler-Zahl:	X423
UN-NO:	1428
Packaging Group:	I
Lable:	4.3
Identification:	1428 Sodium
Limited quantity (LQ):	LQ0
Transport category:	1
Tunnel restriction code:	B/E

**Sea IMDG/GGVSea:**

IMDG/GGVSea-class:	4.3
UN-NO:	1428
Lable	4.3
Packaging Group:	I
Limited quantity (LQ):	LQ0
Identification:	SODIUM
EMS:	F-G S-N
Air ICAO-TI und IATA-DGR:	



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ICAO/IATA-class: 4.3
UN/ID-NO: 1428
Lable 4.3
Packaging Group: I
Identification: SODIUM
IATA (Passenger): Transport forbidden
IATA (cargo plane): Transport accepted
UN "Model Regulation ": UN1428, Sodium, 4.3, I

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

2012/18/EU (SevesoIII)				
No.	Hazardous substance/hazard categories	Quantity threshold (in tonnes) for use in factory lower and upper classes		Note
01	other hazards (EUH014)	100	500	58)
02	other hazards (water react., cat. 1)	100	500	59)

Note

58) Substances or mixtures with the hazard statement EUH014

59) Substances and mixtures which, in contact with water, emit flammable gases, hazard category 1

Occupational restrictions Take note of Dir 94/33/EC on the protection of young people at Work

Regulation (EC) No 1006/2009 on substance that deplete the ozone layer:

not regulated

Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Dir. 79/117/EEC:

not regulated

Substances of very high concern (SVHC):

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (EACH), Article 57 above respective regulatory concentration limit of $\geq 0.1\%$ (w/w).

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this product for quantities below 10 tons or more per year per registrant.

SECTION 16: Other information**a) Indication of where changes have been made to the previous version**

Kap. 2.3 new design

Kap. 5.4 and 5.3 combined under 5.3

Kap. 5.5 deleted

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Kap.7.2 title adjusted and text revised
 Kap. 8.1 und 8.2 title adjusted and text revised
 Kap. 9 adjusted to legislation 2020/8978/EU
 Kap. 10.5 and 10.6 new
 Kap. 11.2 Text revised
 Kap. 12.6 and 12.7 revised
 Section 14 Layout new
 Kap. 15.1 Merkblatt M019 Natrium new in the list
 Kap. 16b Legend to abbreviations inserted

b) Legend to abbreviations

ADR Accord relatif au transport international des marchandises dangereuses par route
 (Convention concerning the International Carriage of Dangerous Goods by Road)
 IATA International Air Transport Association

IATA/DGR Dangerous Goods Regulations (DGR) for the air transport (IATA)

ICAO International Civil Aviation Organization

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Règlement concernant le transport International ferroviaire des marchandises
 Dangereuses (Regulations concerning the International Carriage of Dangerous Goods by
 Rail)

PBT Persistent, Bioaccumulative and toxic

vPvB Very Persistent and very Bioaccumulative

c) Literature

Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances
 and mixtures.

Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU

e) Full text of H-statements referred to under sections 2 and 3.**Labelling**

Hazard pictograms



Signal word Danger

Hazard statements

H260 in contact with water releases flammable gases which may ignite spontaneously

H314 Causes severe skin burns and eye damage

EUH014 Reacts violently with water

Precautionary statements

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Prevention

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continuous rinsing.
P370+P378 In case of fire: Use metal fire powder for extinction. NO WATER.
P308+P311 IF exposed or concerned: immediately call a POISON CENTER or doctor/physician.

Storage

P402+P404 Store in a dry place. Store in a closed container

f) Training advice

Provide adequate information, instruction and training operators.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

This information is taken from sources based upon data believed to be reliable.

However, Dr. Bilger Umweltconsulting GmbH makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions.

Local laws and regulations have to be considered by the customer upon own responsibility.



SICHERHEITSDATENBLATT Gemäß Verordnung (EG) 1907/2006 (REACH)

1. Stoff-, Zubereitungs- und Firmenbezeichnung

1.1 Bezeichnung des Stoffes/der Zubereitung

Handelsname:

Natrium

REACH Registrierungsnr.: Vorregistrierungsnummer 05-2114257078-45-0000

1.2 Verwendung des Stoffes/der Zubereitung

- 1.2.1 Identifizierte Verwendungen: Chemische Produktion, Metallurgie, Bleiraffination, Veredelungsmittel für Aluminiumguss, Herstellung von Polyamid12, Bearbeitung oder Ätzen von fluorierten Kunststoffen, Dehalogenierung und Entschwefelung von Mineralöl, als Reduktionsmittel in der chemischen Synthese

Unter Einhaltung der in der Anlage zu diesem SDB beschriebenen Bedingungen.

1.3 Bezeichnung des Unternehmens

Lieferant /Hersteller/ Dr. Bilger Umweltconsulting GmbH
 Importeur/nachgeschalteter Gewerbepark Birkenhain 7a
 Anwender/Händler DE-63579 Freigericht
 Telefon: +49-(0)6051-9166951

e-Mail (fachkundige Person) info@bilgergmbh.de

Kontaktstelle für Information Abt. F+E : Telefon: +49-(0)6051-91669-54

Nationaler Ansprechpartner Abt. F+E : Telefon: +49-(0)6051-91669-54

- 1.4 **Notfallauskunft/:** Tel.: +49-(0)6051-91669-51
Notfallnummer Diese Nummer ist nur zu Bürozeiten besetzt.

2. Mögliche Gefahren

2.1 Einstufung:

Verordnung (EG) Nr. 1272/2008,	Anhang VII
Gefahrenklasse/- kategorie	Gefahrenhinweis
Wassergefährdungsklasse 1	H260
Skin Corr. 1B	H314

67/548/EWG oder 1999/45/EG	
Gefährlichkeitsmerkmal	R-Sätze
Leichtentzündlich (F)	R 14/15
Ätzend (C)	R 34

Dr. Bilger Umweltconsulting GmbH
 Gewerbepark Birkenhain 7a, 63579 Freigericht
 Sicherheitsdatenblatt gemäß Verordnung (EG)
 1907/2006 (Reach)
 erstellt am: 15.01.2009
 überarbeitet am: 12.05.2016



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2.2 Kennzeichnungselemente



Flamme



Ätzwirkung

Gefahr

H260	In Berührung mit Wasser entstehen entzündbare Gase, die sich spontan entzünden können.
H314	Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
EUH014	Reagiert heftig mit Wasser
P223	Kontakt mit Wasser wegen heftiger Reaktion und möglichem Aufflammen unbedingt verhindern.
P280	Schutzhandschuhe / Schutzkleidung / Augenschutz / Gesichtsschutz tragen.
P303 + P361 + P353	BEI KONTAKT MIT DER HAUT (oder dem Haar): Alle beschmutzten, getränkten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen/duschen.
P305 + P351 + P338	BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen.
P370 + P378	Bei Brand: Metallbrandpulver Klasse D zum Löschen verwenden.
P402 + P404	In einem geschlossenen Behälter an einem trockenen Ort aufbewahren

2.3 Sonstige Gefahren

Keine Daten vorhanden

3. Zusammensetzung / Angaben zu Bestandteilen

3.1 Angaben zum Stoff: Natrium, chemisches Element, Metall

CAS-Nr.: 7440-23-5
 EG-Nr.: 213-132-9
 EINECS: 231-132-9
 Index-Nr.: 011-001-00-0
 Vorregistrierungsnr.: 05-2114257078-45-0000
 Reach Registrierungsnr.: 01-2119484805-27-0001

Reinheit: >99.9 %

3.2 Zusätzliche Hinweise:

Die Übergangsfrist gemäß REACH-Verordnung, Artikel 23, ist noch nicht abgelaufen.

4. Erste-Hilfe-Maßnahmen

4.1 Beschreibung der Erste-Hilfe-Maßnahmen

Allgemeine Hinweise: Beschmutzte Kleidung sofort ausziehen. Bei Auftreten von Gesundheitsstörungen Arzt hinzuziehen.

nach Einatmen: Nach Einatmen des bei den Reaktionen entstehenden Rauchs sofort an die frische Luft gehen. Bei Bewusstlosigkeit stabile Seitenlage anwenden



und ärztlichen Rat einholen. An die frische Luft bringen. Sauerstoff oder, falls erforderlich, künstliche Beatmung. Sofort Arzt hinzuziehen.

- nach Hautkontakt:** Metall mit Spatel entfernen und danach mit viel Wasser spülen bei Kontakt mit flüssigem Natrium sofort Kleidung ausziehen, Natrium mit trockenem Tuch entfernen, mit viel Wasser waschen, Arzt aufsuchen.
- nach Augenkontakt:** Metall sofort sorgfältig entfernen. Kontaktlinsen entfernen. Dann bei geöffnetem Lidspalt gründlich mit viel Wasser spülen, bis zum Eintreffen des Arztes weiterspülen.
- nach Verschlucken:** KEIN Erbrechen erzwingen. Mund ausspülen. Viel Wasser trinken lassen; sofort Arzt konsultieren.
- Hinweise für Arzt:** Behandlung wie Laugenverätzung. Dem Arzt Sicherheitsdatenblatt vorlegen.

4.2 Wichtigste akute oder verzögert auftretende Symptome und Wirkungen

- Symptome:** Verschlucken kann folgende Symptome hervorrufen: Verbrennung, Schmerz, Durchfall, Erbrechen, Erniedrigter Blutdruck, Atemprobleme, Symptome können verzögert auftreten.
- Einatmen kann folgende Symptome hervorrufen: Reizt die Atmungsorgane, veränderte Lungenfunktion oder Atemschwierigkeiten.
- Hautkontakt kann folgende Symptome hervorrufen: Verbrennung
- Augenkontakt kann folgende Symptome hervorrufen: Verbrennung
- Zu den Gesundheitsschäden durch wiederholte Exposition können gehören: Reizung der Atmungsorgane.

4.3 Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

- Behandlung:** Nach Verschlucken kann ein verspätet auftretender Durchbruch oder eine Verengung des Magen-Darm-Trakts eintreten. Eine genaue Überwachung wird empfohlen.

5. Maßnahmen zur Brandbekämpfung

5.1 geeignete Löschmittel: Metallbrandpulver Klasse D, trockenes Kochsalz, Sand, Zement

5.2 Aus Sicherheitsgründen ungeeignete Löschmittel:

Wasser, CO₂, Löschmittel der Brandklassen A, B, C und E

5.3 Besondere Gefährdung durch den Stoff oder das Produkt selbst, seine Verbrennungsprodukte oder entstehende Gase:

von Zündquellen fern halten wegen möglicher Bildung von Wasserstoff; Verätzung der Schleimhäute, Rauch keinesfalls einatmen; Personen sofort auf windabgewandte Seite bringen

5.4 besondere Schutzausrüstung bei der Brandbekämpfung:

Im Brandfall umluftunabhängigen Atemschutz gegen ätzenden Oxidrauch



5.5 Zusätzliche Hinweise:

Brandklasse: D

6. Maßnahmen bei unbeabsichtigter Freisetzung

6.1 personenbezogene Vorsichtsmaßnahmen: Entfernen von Zündquellen. Gefährdeten Bereich räumen, betroffene Umgebung warnen. Zur Beseitigung des gefährlichen Zustandes darf der Gefahrenbereich nur mit geeigneten Schutzmaßnahmen betreten werden. Feuchtigkeit fernhalten. Atem-, Augen-, Hand- und Körperschutz tragen. Verhindern von Haut- und Augenkontakt

6.2 Umweltschutzmaßnahmen: nicht in die Kanalisation gelangen lassen; Explosionsgefahr!

6.3 Verfahren zur Reinigung/ Aufnahme: Nach Verschütten und Auslaufen kleinerer Mengen vorsichtig trocken aufnehmen und in geeigneten, dicht schließenden X-zugelassenen Behältern sammeln; anschließend mit trockenem Öl abdecken

6.4 Zusätzliche Hinweise: Zündquellen fernhalten, nicht rauchen, offene Flammen vermeiden

7. Handhabung und Lagerung

7.1 Handhabung

7.1.1 Hinweise zum sicheren Umgang Natrium unter Paraffinöl, Stickstoff oder Argon verpackt lagern vor Nässe schützen, Gebinde stets dicht verschlossen halten. Der Arbeitsbereich muss trocken und gut belüftet sein. Personal muss feuerfeste Kleidung, Gestellbrille mit Seitenschutz und nitrilbeschichtete Handschuhe tragen. Mindeststandards gemäß TRGS 500 einhalten. Bei der Gestaltung des Arbeitsverfahrens sind die Modelllösungen der Schutzleitfäden der 100er und 200er-Reihe zu berücksichtigen. ([http://www.baua.de/nn_5846/de/Themen-von-A- Z/ Gefahrstoffe/EMKG/Schutzleitfaeden](http://www.baua.de/nn_5846/de/Themen-von-A-Z/Gefahrstoffe/EMKG/Schutzleitfaeden))

7.1.1 Hinweise zum Brand- und Explosionsschutz: Ausschluss jeglicher Feuchtigkeit, da mit Wasser heftige Reaktion unter Bildung explosionsfähiger, selbstentzündlicher Wasserstoff-Luft- Gemische (Knallgas). Trocken halten.

7.2 Lagerung

7.2.1 Anforderungen an Lagerräume und Behälter: trocken, keine Sprinkleranlage, Bodenniveau gegenüber Umgebung erhöht
 Anforderung an die Lagerbeschaffenheit gemäß WGK: 1

7.2.2 Zusammenlagerungshinweise: Entsprechend Lagerklasse: siehe Punkt 7.2.4
 nicht mit leicht brennbaren Flüssigkeiten zusammen lagern

7.2.3 Weitere Angaben zu den Lagerbedingungen Empfohlene Lagertemperatur: Lagerung bei Raumtemperatur

7.2.4 Lagerklasse (VCI Konzept) 4.3 Stoffe, die bei Berührung mit Wasser entzündliche Gase bilden.



8. Expositionsgrenzen und persönliche Schutzausrüstung

8.1 Zusätzliche Hinweise zur Ge- Feuerlöscheinrichtungen sind bereitzustellen
staltung techn. Anlagen: Korrosionsgefahr

8.2 Bestandteile mit arbeitsplatzbezogenen, zu überwachenden Grenzwerten:

Entfällt

8.3 Persönliche Schutzausrüstung

8.3.1 allgemeine Schutz- und Hygienemaßnahmen: Berührung mit den Augen und der Haut vermeiden.
 Während der Arbeit nicht essen, trinken, rauchen.
 Auf Trockenheit achten

8.3.2 Atemschutz: In der Regel keine besonderen Schutzmaßnahmen erforderlich.
 In Ausnahmesituationen (z.B. unbeabsichtigte Stofffreisetzung)
 ist das Tragen von Atemschutz erforderlich.

8.3.3 Handschutz: nitrilbeschichtete Handschuhe

8.3.4 Augenschutz: Gestellbrille mit Seitenschutz
 Ist nicht nur das Auge, sondern auch das Gesicht gefährdet,
 ist zusätzlich ein Schutzschirm zu benutzen.

8.3.5 Körperschutz: Generell flammhemmend ausgerüstete Schutzkleidung.
 Bei der Arbeit mit größeren Mengen Natrium ist spezielle
 Schutzkleidung erforderlich; Herstellerliste auf Anfrage

9. Physikalische und chemische Eigenschaften

9.1 Erscheinungsbild

9.1.1 Form: fest

9.1.2 Farbe: metallisch grau

9.1.3 Geruch: geruchlos

9.2 Sicherheitsrelevante Daten

9.2.1 Schmelzpunkt/ Schmelzbereich 97,85 °C

9.2.2 Siedepunkt/Siedebereich 892 °C

9.2.3 Zündtemperatur 115 °C

9.2.4 Viskosität (100 °C) 0,68 mPa.s

9.2.5 Dichte (20 °C) 0,97 g/cm³

9.2.6 Löslichkeit in Wasser n. a. / heftige Zersetzung



10. Stabilität und Reaktivität

- 10.1 Zu vermeidende Bedingungen:** hohe Luftfeuchtigkeit, hohe Temperaturen
- 10.2 Zu vermeidende Stoffe:** Wasser, Oxidationsmittel, Luft, Alkohole, Halogene, Säuren
Schwermetallpulver
- 10.3 Gefährliche Zersetzungsprodukte:** mit Wasser heftige Reaktion unter Bildung von Wasserstoff und stark alkalisch ätzender Natronlauge;
Explosionsgefahr durch Bildung von Knallgas; reagiert heftig mit Halogenen, Halogenkohlenwasserstoffen und Oxidationsmitteln
- 10.4 Sonstige Angaben** In geschlossener und unbeschädigter Verpackung ist Natrium mehrere Jahre stabil

11. Toxikologische Angaben

Akute Toxizität:

Primäre Reizwirkung

an der Haut:

am Auge:

Sensibilisierung:

Zusätzliche toxikologische

Hinweise:

Ätzende Wirkung auf Haut und Schleimhaut

Starke Ätzwirkung

Keine sensibilisierende Wirkung bekannt

Bei Verschlucken starke Ätzwirkung des Mundraumes und Rachens sowie Gefahr der Perforation der Speiseröhre und des Magens.

Nach unserem derzeitigen Wissensstand ist die akute und chronische Toxizität dieses Stoffes nicht gänzlich bekannt. Keine Daten zur Klassifizierung dieses Stoffes hinsichtlich seiner Karzinogenität aus EPA, IARC, NTP, OSHA oder ACGIH verfügbar.

12. Angaben zur Ökologie

Allgemeine Hinweise: Wassergefährdungsklasse 1: schwach wassergefährdend

13. Hinweise zur Entsorgung

13.1 Entsorgung / Abfall (Produkt)

13.1.1 Große Natriummengen in einem Behälter mit inertem Lösemittel oder unter Inertgas (z. B. Stickstoff) sammeln.

13.1.2 Kleine Natriummengen vorsichtig in kleinen Portionen in niedrigsiedende Alkohole, z. B. Butanol (Überschuss) eintragen. Das entstandene Alkoholat durch langsame Wasserzugabe zerstören.

13.1.3 Entsorgungsart Verbrennungsanlage

13.1.4 Nachweispflicht ja

13.1.5 ungebrauchtes Produkt in unbeschädigter Verpackung zurück an den Hersteller/Lieferanten

13.2 Verpackungen

13.2.1 ungereinigte Verpackungen sorgfältig mit Isopropanol und anschließend mit Wasser waschen. Nicht in Gewässer oder in die Kanalisation gelangen lassen.



13.2.2 Restentleerte Verpackung: Hausmüll bzw. zu Recycling-Unternehmen

13.3 Sonstige Angaben Der sechsstellige Abfallschlüssel ist nach AVV branchen-, prozessart-, herkunfts- oder abfallartenspezifisch zuzuordnen. Entsorgen im Einklang mit Bundes-, Länder- und lokalen Vorschriften.

14. Angaben zum Transport

14.1 Landtransport ADR/RID/GGVSE:



ADR/RID-GGVS/E Klasse: 4.3 (W2) Stoffe, die in Berührung mit Wasser entzündbare Gase entwickeln
Kemler-Zahl: X423
UN-Nummer: 1428
Verpackungsgruppe: I
Gefahrzettel: 4.3
Bezeichnung d. Gutes: 1428 Natrium
Begrenzte Menge (LQ): LQ0
Beförderungskategorie: 1
Tunnelbeschränkungscode: B/E

14.2 Seeschifftransport IMDG/GGVSee:



IMDG/GGVSee-Klasse: 4.3
UN-Nummer: 1428
Lable 4.3
Verpackungsgruppe: I
Richtiger techn. Name: SODIUM

14.3 Lufttransport ICAO-TI und IATA-DGR :



ICAO/IATA-Klasse: 4.3
UN/ID-Nummer: 1428
Verpackungsgruppe: 4.3
Richtiger techn. Name: SODIUM

UN“Model Regulation“: UN1428, Natrium, 4.3,I

Dr. Bilger Umweltconsulting GmbH
 Gewerbepark Birkenhain 7a, 63579 Freigericht
 Sicherheitsdatenblatt gemäß Verordnung (EG)
 1907/2006 (Reach)
 erstellt am: 15.01.2009
 überarbeitet am: 12.05.2016



Dr. Bilger Umweltconsulting GmbH

Produkt: Natrium
 Version: 2.0 / DE

Druckdatum: 13.05.2016
 Seite 8 von 8

15. Rechtsvorschriften

15.1 Kennzeichnung nach EU-Richtlinien

15.1.1 Kennbuchstabe und

Gefahrenbezeichnung:



F; leicht entzündlich



C; ätzend

15.1.2 R-Sätze

R14/15: Reagiert heftig mit Wasser unter Bildung leichtentzündlicher Gase

15.1.3 S-Sätze

R34: Verursacht Verätzungen

S05: Unter Schutzgas oder Paraffinöl aufbewahren

S08: Behälter trocken halten

S43: Zum Löschen trockenen Sand oder Kochsalz

verwenden - kein Wasser verwenden

S45: Bei Unfall oder Unwohlsein sofort Arzt zuziehen (wenn möglich, das Etikett vorzeigen)

15.1.4 berufsgenossenschaftliche/ arbeitsmedizinische Vorschriften:

siehe Natrium-Merkblatt M019 der BG-Chemie

Nationale Vorschriften:

Hinweis zur Beschäftigungsbeschränkung:

Beschäftigungsbeschränkungen für Jugendliche beachten.
 Gebrauch nur durch techn. qualifizierte Personen.

Klassifizierung nach Betriebs-sicherheitsverordnung (BetrSichV):

Wassergefährdungsklasse 1 (Natronlauge aus Reaktion mit Wasser)

16. sonstige Angaben

Arbeitgeber sollen diese Information nur als Ergänzung zu deren eigenen Ergebnissen betrachten und unabhängig über deren Anwendbarkeit entscheiden, sodass die richtige Anwendung und somit die Gesundheit und Sicherheit der Angestellten gewährleistet ist. Diese Information beinhaltet keine gesetzliche Garantie und jeglicher Gebrauch des Produktes abweichend von diesem Sicherheitsdatenblatt, oder der Gebrauch in Kombination mit irgendeinem anderen Produkt oder Prozess obliegt allein der Verantwortung des Anwenders.

R14/15: Reagiert heftig mit Wasser unter Bildung leichtentzündlicher Gase

R34: Verursacht Verätzungen

Merkblatt M 019 Natrium der BG Chemie
 Leitfaden Sicherheitsdatenblatt des VCI (Stand April 2008)
 Chemikaliengesetz in der Fassung vom 20.06.2002
 Gefahrstoffverordnung in der Fassung vom 23.12.2004

Die vorstehenden Angaben stützen sich auf den heutigen Stand unserer Kenntnisse und Erfahrungen und stellen keine Zusicherung von Eigenschaften dar.
 Bestehende Gesetze und Bestimmungen sind vom Empfänger unseres Produktes in eigener Verantwortung zu beachten.

DR. BILGER UMWELTCONSULTING GMBH
GEWERBEPARK BIRKENHAIN 7A
63579 FREIGERICHT
GERMANY



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

Copy

FEDERAL MOGUL POWERTRAIN
FORJAS Y MAQUINAS S DE RL DE CV
JESUS RIVERA FRANCO 402 CD.
INDUSTRIAL
AGUASCALIENTES AGS 20290
MEXICO RFC: FMA800610ES5

FORJAS Y MAQUINAS S DE RL DE CV
Y/O UPS SCS MEXICO S.A. DE C.V.
DEL. BENITO JUAREZ
CIUDAD DE MEXICO, C.P. 030230
TAX ID: UPS891122HV8
UPS@CEANMEXICO@UPS.COM

Marks and Nos.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg.	Measurement, m ³
FEDERAL MOGUL POW ERTRAIN FORJAS Y MAQUINAS S DE RL DE CV JESUS RIVERA FRAN CO 402 CD. INDUSTRIAL AGUASC ALIENTES AGS 2029 0, MEXICO STOWED INTO CONTAINER NO.: MRSU5569043	3 PALLETS	300KG BINAL (NATRIUM IN TIN FOIL) UN 1428, NATRIUM, 4.3, IL (B/E) ORDER:26.6.24-AS HS-CODE:28051100		390,000	1,584
				SEAL : B149732	

SEAL : B149732

TOTAL	3 PALLETS	390.000 KGS	1,584 CBM
--------------	------------------	--------------------	------------------

All particulars above declared by Merchant

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

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

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

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

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

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

Place and date of issue
HAMBURG 19.07.2026

Signed on behalf of the Carrier SACO SHIPPING LINE LIMITED

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

saco

As agent only for SACO SHIPPING LINE LIMITED LIMASSOL

A Member of
WorldWideAlliance

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

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

Shipper
HANSA GATEWAY UG
(HAFTUNGSBESCHRAENKT)
WAGNERSTR. 14
TAX-ID: DE273690361
08523 PLAUE GERMANY
TEL.: +49 (0) 37415764858

B/L No.
VER284949



SACO SHIPPING LINE LTD

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

6/07/BRE/526602

Copy

Consigned to order of
SERVICIOS INTEGRALES BERPAR S.A. DE
C.V. RFC: SIB1609209Z7
BLVD. ANTONIO L. RODRIGUEZ NO.
3000, PISO 9 DESPACHO 904
COL. SANTA MARIA
C.P. 64650 MONTERREY, N.L. MEXICO*

Notify Party and address
SERVICIOS INTEGRALES BERPAR S.A. DE
C.V. RFC: SIB1609209Z7
BLVD. ANTONIO L. RODRIGUEZ NO.
3000, PISO 9 DESPACHO 904
COL. SANTA MARIA
C.P. 64650 MONTERREY, N.L. MEXICO*

		Place of receipt HAMBURG CFS	
Ocean vessel GSL MARIA		Port of loading BREMERHAVEN	
Port of discharge VERACRUZ	Place of delivery VERACRUZ FOT		Freight payable HAMBURG
		Number of original Bills of Lading 0/ZERO	
Marks and Nos. ADS MEXICANA MEXICO	Quantity of Goods 1	WOODEN CASE	Description of Goods SET OF WATER-COOLED ALUMINIUM VACUU M HS CODE: 8477
		Said to contain	Gross weight, kg. 325,000
			Measurement, m ³ 1,117

STOWED INTO CONTAINER NO.: MRSU5569043

SEAL : B149732

TOTAL **1** **WOODEN CASE** **325,000 KGS** **1,117 CBM**

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

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

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.

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

Place and date of issue
HAMBURG 19.07.2026

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
INTERFRACHT CONTAINER OVERSEAS
SERVICE GMBH - AS AGENT FOR AND ON
BEHALF OFICOS LINE LTD. AS CARRIER
BERGIUSSTR. 1
28816 STUHR, GERMANY

B/L No.
VER284970



SACO SHIPPING LINE LTD

Consigned to order of
COMERCIO INTERNACIONAL AMERICA SA DE CV
TAX ID CIA1703088K9
AV 563 NO 164 COL. SAN
JUAN DE ARAGON II SECCION
MEXICO CDMX 07969 MEXICO
TEL 5572340437
NETWORK@CIAMERICA.COM.MX

Notify Party and address
COMERCIO INTERNACIONAL AMERICA SA DE CV
TAX ID CIA1703088K9
AV 563 NO 164 COL. SAN
JUAN DE ARAGON II SECCION
MEXICO CDMX 07969 MEXICO
TEL 5572340437
NETWORK@CIAMERICA.COM.MX

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

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

6/07/BRE/526604

Copy

		Place of receipt BREMEN CFS	
Ocean vessel GSL MARIA		Port of loading BREMERHAVEN	
Port of discharge VERACRUZ	Place of delivery VERACRUZ CFS	Freight payable BREMEN	Number of original Bills of Lading 0/ZERO
Marks and Nos. HT6 INGENIERA LEON, MEXICO AW 2284 & 3026 STOWED INTO CONTAINER NO.: MRSU5569043	Quantity of Goods 2 PACKAGES	Description of Goods DOUBLE T-SECTION & BUS BAR COVER HS: 7407100, 85472000	Said to contain Gross weight, kg. 460,000 Measurement, m ³ 0,584
TOTAL		2 PACKAGES	460,000 KGS 0,584 CBM

SEAL : B149732

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

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 19.07.2026

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



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

Note:

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

Shipper
AIR TIGER EXPRESS LOGISTICS (GERMAN
NEUER WALL 43
20354 HAMBURG
GERMANY

B/L No.
VER284991



SACO SHIPPING LINE LTD

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

6/07/BRE/526604

Copy

Consigned to order of
CONTINENTE FORWARDING, SA DE CV
TAX ID : CFO030723285
PROL. LOS SOLES 200 INT. 301 TORRE
COL. DEL VALLE ORIENTE
66260 SAN PEDRO GARZA GARCA
IMPORTACIONES22@CONTINENTECARGO.COM

Notify Party and address
CONTINENTE FORWARDING, SA DE CV
TAX ID : CFO030723285
PROL. LOS SOLES 200 INT. 301 TORRE
COL. DEL VALLE ORIENTE
66260 SAN PEDRO GARZA GARCA

	Place of receipt BREMEN CFS
--	--------------------------------

Ocean vessel GSL MARIA	Port of loading BREMERHAVEN
---------------------------	--------------------------------

Port of discharge VERACRUZ	Place of delivery VERACRUZ CFS	Freight payable HAMBURG	Number of original Bills of Lading 0/ZERO
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Marks and Nos. VER284991	Quantity of Goods 1 PALLET	Description of Goods POWER CLAMP MACHINE HS CODE: 85144000	Said to contain	Gross weight, kg. 176,000	Measurement, m ³ 1,035
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STOWED INTO CONTAINER NO.: MRSU5569043

SEAL : B149732

TOTAL	1 PALLET	176,000 KGS	1,035 CBM
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FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

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

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

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

- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
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One of the Bills of Lading to be surrendered duly endorsed in exchange for the Goods or delivery order.

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

Place and date of issue
HAMBURG 19.07.2026

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



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

Note:

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

Shipper
EVONIK OPERATIONS GMBH
WERK STEINAU, MAX-WOLF-STRASSE 7
36396 STEINAU A.D. STRASSE, GERMANY
TRANSPORTMANAGEMENT-STN@EVONIK.COM
TEL: +49 6181-59-12468
VAT# DE114138241

B/L No.
VER284996



SACO SHIPPING LINE LTD

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

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

6/07/BRE/526606

Copy

Consigned to order of
LESCHACO MEXICANA SA DE CV.
BLVD.MANUEL AVILA CAMACHO
NO. 88 PISO 5 COL. LOMAS DE CHAPULTEPEC
CP.11000,CIUDAD DEMEXICO, MEXICO
RFC: LME980116R15
CONTACT:ELIZABETH LUNA
E-MAIL: ELIZABETH.LUNA@LESCHACO.COM

Notify Party and address
LESCHACO MEXICANA SA DE CV.
BLVD.MANUEL AVILA CAMACHO
NO. 88 PISO 5 COL. LOMAS DE CHAPULTEPEC
CP.11000,CIUDAD DEMEXICO, MEXICO
RFC: LME980116R15
CONTACT:ELIZABETH LUNA
E-MAIL: ELIZABETH.LUNA@LESCHACO.COM

		Place of receipt BREMEN CFS	
Ocean vessel GSL MARIA		Port of loading BREMERHAVEN	
Port of discharge VERACRUZ	Place of delivery VERACRUZ		Freight payable BREMEN
		Number of original Bills of Lading 0/ZERO	
Marks and Nos. EVONIK INDUSTRIES DE MEXICO P.O. 46522251 VARISOFT EQ 100 EVONIK ORDER NO. 3012678999 VERACRUZ / MEXICO EVONIK INDUSTRIES DE MEXICO P.O. 46522251 VARISOFT EQ 100 EVONIK ORDER NO. 3012678999 VERACRUZ / MEXICO STOWED INTO CONTAINER NO.: MRSU5569043	Quantity of Goods 5 PALLETS	Description of Goods VARISOFT EQ 100 HS-CODE: 340241 2 DRUM VARISOFT EQ 100 HS-CODE: 340241 16 DRUM	Said to contain Gross weight, kg. 3857,400 Measurement, m ³ 6,922

SEAL : B149732

TOTAL 5 PALLETS 3857,400 KGS 6,922 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

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 19.07.2026

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



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

Note:

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

Shipper
NGL NAVIGATOR GLOBAL LOGISTICS GMBH
FELIX-WANKEL-STRASSE 3
STUHR NI 28816 GERMANY
EORI+DE6702740

B/L No.
VER285028



SACO SHIPPING LINE LTD

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

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

6/07/BRE/526607

Copy

Consigned to order of
NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L
DE C.V.
CALZADA ZAVALA 1306 SANTA CRUZ
BUENAVISTA
PUEBLA PUE 72150 MEXICO
+522225036510 RFC+NNG201012KD4
SEA@NGL-MEXICO.COM

Notify Party and address
NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L
DE C.V.
CALZADA ZAVALA 1306 SANTA CRUZ
BUENAVISTA
PUEBLA PUE 72150 MEXICO
+522225036510 RFC+NNG201012KD4
SEA@NGL-MEXICO.COM

		Place of receipt BREMEN CFS	
Ocean vessel GSL MARIA		Port of loading BREMERHAVEN, GERMANY	
Port of discharge VERACRUZ, MEXICO	Place of delivery VERACRUZ CFS	Freight payable BREMEN	Number of original Bills of Lading 0/ZERO
Marks and Nos. EISSMANN MEXICO DN 4030158 STOWED INTO CONTAINER NO.: MRSU5569043	Quantity of Goods 1 PALLET	Description of Goods WASHERS HS-CODE: 731822 **HSCODE: 731822**	Said to contain Gross weight, kg. 283,900 Measurement, m ³ 0,960
		SEAL : B149732	

TOTAL **1 PALLET** **283,900 KGS** **0,960 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;

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Place and date of issue
BREMEN 19.07.2026

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
EVONIK OPERATIONS GMBH
WERK OBERNBURG, GLANZSTOFFSTRASSE 1
63785 OBERNBURG / GERMANY
VAT NO: DE 114138241
ATTN: MATTIA KONRAD / TEL +496022812692
EMAIL: MATTIA.KONRAD@EVONIK.COM

B/L No.
VER285030



SACO SHIPPING LINE LTD

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

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

6/07/BRE/526608

Copy

Consigned to order of
LESCHACO MEXICANA SA DE CV.
BLVD. MANUEL AVILA CAMACHO
NO. 88 PISO 5, COL. LOMAS DENCHAPULTEPEC
CP.11000, CIUDAD DE MEXICO, MEXICO
RFC: LME980116R15
CONTACT: ELIZABETH LUNA
E-MAIL: ELIZABETH.LUNA@LESCHACO.COM

Notify Party and address
LESCHACO MEXICANA SA DE CV.
BLVD. MANUEL AVILA CAMACHO
NO. 88 PISO 5, COL. LOMAS DENCHAPULTEPEC
CP.11000, CIUDAD DE MEXICO, MEXICO
RFC: LME980116R15
CONTACT: ELIZABETH LUNA
E-MAIL: ELIZABETH.LUNA@LESCHACO.COM

		Place of receipt OBERNBURG AM MAIN CFS			
Ocean vessel GSL MARIA		Port of loading BREMERHAVEN			
Port of discharge VERACRUZ		Place of delivery VERACRUZ 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, m ³
EVONIK ORETATIONS GMBH 3012670541 ACCUREL GA 301 46518848 MADE IN GERMANY MEXICO EVONIK ORETATIONS GMBH 3012670541 ACCUREL SF 1760 46518848 MADE IN GERMANY MEXICO STOWED INTO CONTAINER NO.: MRSU5569043	5 PALLETS	ACCUREL GA 301 HS-CODE: 390110 96 BOXES ACCUREL SF 1760 HS-CODE: 390130 32 BOXES		4112,000	9,840

SEAL : B149732

TOTAL 5 PALLETS 4112,000 KGS 9,840 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

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

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

- a) undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
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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 19.07.2026

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



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

Note:

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

Shipper
WITT-GASETECHNIK GMBH & CO. KG

B/L No.
VER285032

SALINGER FELD 4-8
58454 WITTEN



SACO SHIPPING LINE LTD

Consigned to order of
PRAXAIR MEXICO / WELLDEX INTL.
AEROPUERTO INTL DE LA CUIDAD MEXICO
DELEGACION VE
NORTE 33, NO. 161, COL. MOCTEZUMA 2
DASE. - 15530 CIUDAD DE MEXICO
RFC: PME - 960701 -GG0

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

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

6/07/BRE/526609

Copy

Notify Party and address
PRAXAIR MEXICO / WELLDEX INTL.
AEROPUERTO INTL DE LA CUIDAD MEXICO
DELEGACION VE
NORTE 33, NO. 161, COL. MOCTEZUMA 2
DASE. - 15530 CIUDAD DE MEXICO
RFC: PME - 960701 -GG0

		Place of receipt BREMEN CFS		
Ocean vessel GSL MARIA	Port of loading BREMERHAVEN			
Port of discharge VERACRUZ	Place of delivery VERACRUZ 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, m ³
PRAXAIR MEXICO 62651215, 62651219, 62651220	6 PACKAGES	= 6 WOODEN BOXES WITH ELECTRIC GAS MIXERS, CONNECTION SETS, STAINLESS STEEL RECEIVER		2158,000	14,484
ANGEBOT: 2602499 REF 26006294		HS: 73110091, 74122000, 90328900			

INVOICE-NO.:
61657530,
61657531,
61657532
STOWED INTO CONTAINER NO.: MRSU5569043

SEAL : B149732

TOTAL **6 PACKAGES** **2158,000 KGS** **14,484 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

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

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

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Place and date of issue
BREMEN 19.07.2026

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



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

Note:

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

Shipper
SAARSTAHL AG
BISMARCKSTRASSE 57-59
66330 VÖLKLINGEN, GERMANY

B/L No.
VER285035



SACO SHIPPING LINE LTD

Consigned to order of
METAL ONE DE MEXICO S.A. DE C.V.
PASEO DE LA REFORMA NO. 483,
PISO 33 COLONIA CUAUHEMOC CIUDAD DE
MEXICO C.P. 06500, MEXICO
TEL.: + 52-449-454-1668
TAX ID:MOM0212164Z9

Notify Party and address
METAL ONE DE MEXICO S.A. DE C.V.
PASEO DE LA REFORMA NO. 483,
PISO 33 COLONIA CUAUHEMOC CIUDAD DE
MEXICO C.P. 06500, MEXICO
TEL.: + 52-449-454-1668
TAX ID:MOM0212164Z9

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

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

6/07/BRE/526610

Copy

		Place of receipt			
		BREMEN CFS			
Ocean vessel		Port of loading			
GSL MARIA		BREMERHAVEN			
Port of discharge		Place of delivery	Freight payable	Number of original Bills of Lading	
VERACRUZ		IRAPUATO DAP	BREMEN	0/ZERO	
Marks and Nos.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg.	Measurement, m ³
NHK	2	PALLETS	WIRE ROD RD.	4294,000	5,657
3313263-01-00					
ID: 42312982 +					
42312983		HS CODE:72279095			

STOWED INTO CONTAINER NO.: MRSU5569043

SEAL : B149732

TOTAL	2 PALLETS	4294,000 KGS	5,657 CBM
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FREIGHT PREPAID UPTO DAP - SHIPPED ON BOARD - EXPRESS B/L

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.

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- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
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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 19.07.2026

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
EORI+DE6702740

B/L No.
VER285037



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED

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

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

6/07/BRE/526611

Copy

Consigned to order of

NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L
DE C.V.
CALZADA ZAVALA 1306 SANTA CRUZ
BUENAVISTA
PUEBLA PUE 72150 MEXICO
+522225036510 RFC+NNG201012KD4
SEA@NGL-MEXICO.COM

Notify Party and address

NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L
DE C.V.
CALZADA ZAVALA 1306 SANTA CRUZ
BUENAVISTA
PUEBLA PUE 72150 MEXICO
+522225036510 RFC+NNG201012KD4
SEA@NGL-MEXICO.COM

Place of receipt

BREMEN CFS

Ocean vessel

GSL MARIA

Port of loading

BREMERHAVEN, GERMANY

Port of discharge

VERACRUZ, MEXICO

Place of delivery

VERACRUZ CFS

Freight payable

BREMEN

Number of original Bills of Lading

0/ZERO

Marks and Nos.

TUNKERS MX DN:
NV3263479-84

Quantity of Goods

1 PALLET

Description of Goods

MACHINERY SPARE PARTS HS-CODE:
850152, 851590,
850433, 854442
HSCODE: 850152

Said to contain

Gross weight, kg.

104,000

Measurement, m³

0,302

STOWED INTO CONTAINER NO.: MRSU5569043

SEAL : B149732

TUNKERS DE MEXICO
O1987 / PL 360137

1 PALLET

CLAMPING SYSTEMS HS-CODE:
392690, 843139, 847990
HSCODE: 761090

179,000

0,701

STOWED INTO CONTAINER NO.: MRSU5569043

SEAL : B149732

TOTAL

2 PALLET

283,000 KGS

1,003 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.

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Place and date of issue

BREMEN 19.07.2026

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
CEVA FREIGHT GERMANY GMBH
AS AGENTS FOR AND ON BEHALF OF PYRAMID LINES
JOHANN-REINERS-PLATZ 3
28217 BREMEN
GERMANY
CEDRIC.HUSMANN@CEVALOGISTICS.COM

B/L No.
VER285047



SACO SHIPPING LINE LTD

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

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

6/07/BRE/526612

Copy

Consigned to order of
CEVA A&O MEXICO SA DE CV
AS AGENTS FOR PYRAMID LINES SINGAPORE
PTE. LTD. AV. INSURGENTES SUR 1079 PISO
22 23 BENITO JUAREZ
CIUDAD DE MEXICO CMX 3720 MEXICO
+525543347000

Notify Party and address
CEVA A&O MEXICO SA DE CV
AS AGENTS FOR PYRAMID LINES SINGAPORE
PTE. LTD. AV. INSURGENTES SUR 1079 PISO
22 23 BENITO JUAREZ
CIUDAD DE MEXICO CMX 3720 MEXICO
+525543347000
MX.SEAPREALERT@CEVALOGISTICS.COM

	Place of receipt BREMEN CFS
Ocean vessel GSL MARIA	Port of loading BREMERHAVEN

Port of discharge VERACRUZ	Place of delivery VERACRUZ CFS	Freight payable VERACRUZ	Number of original Bills of Lading 0/ZERO
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Marks and Nos.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg.	Measurement, m ³
INDUSTRIA DE TUBE RIAS AERONAUTIC AS MEXICO, S.A. DE C.V. ACCESO IV N° 6 B Z.I. BENITO JUAREZ 76120 QUERETARO MEXICO DN# 80265954 DN# 80265962 DN# 80265978 STOWED INTO CONTAINER NO.: MRSU5569043	3 PACKAGES	PARTS FOR TURBO STEEL ENGINES AS PER INVOICE NO.: 90247597 + 9024 7598 + 90247636 HS CODE: 841191		1079,600	0,637

SEAL : B149732

TOTAL	3 PACKAGES	1079,600 KGS	0,637 CBM
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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 19.07.2026

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
KUEHNE + NAGEL D.O.O.
ZGORNJI BRNIK 300
4210 ZGORNJI BRNIK - AERODROM
SLOVENIA

B/L No.
VER285078



SACO SHIPPING LINE LTD

Consigned to order of
KUEHNE + NAGEL FORWARDING SA DE CV
BLVD ADOLFO RUIZ CORTINES COL.
JARDINES DEL PEDREGAL 3720 TORRE II
PISO 11 01900 ALVARO OBREGON
CDMX, MEXICO KSN220401GKA

Notify Party and address
KUEHNE + NAGEL FORWARDING SA DE CV
BLVD ADOLFO RUIZ CORTINES COL.
JARDINES DEL PEDREGAL 3720 TORRE II
PISO 11 01900 ALVARO OBREGON
CDMX, MEXICO KSN220401GKA

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

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

6/07/BRE/526613

Copy

		Place of receipt BREMEN CFS				
Ocean vessel GSL MARIA		Port of loading BREMERHAVEN				
Port of discharge VERACRUZ		Place of delivery VERACRUZ CFS	Freight payable BREMEN	Number of original Bills of Lading 0/ZERO		
Marks and Nos. MARELLI TOLUCA MEXICO, S DE R.L.CV	Quantity of Goods 3	PALLETS	Description of Goods HEAT SINK 1420.001.109__MEHIKA HS CODE:85129090	Said to contain	Gross weight, kg. 469,000	Measurement, m ³ 3,341
INVOICE NUMBER: 90167109			NET WEIGHT: 396 KG			
STOWED INTO CONTAINER NO.: MRSU5569043				SEAL : B149732		
TOTAL		3 PALLETS		469,000 KGS		3,341 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

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 19.07.2026

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



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

Note:

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

Shipper
NGL NAVIGATOR GLOBAL LOGISTICS GMBH
FELIX-WANKEL-STRASSE 3
STUHR NI 28816 GERMANY
EORI+DE6702740

B/L No.
VER285108



SACO SHIPPING LINE LTD

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

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

6/07/BRE/526615

Copy

Consigned to order of
NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L
DE C.V.
CALZADA ZAVALA 1306 SANTA CRUZ
BUENAVISTA
PUEBLA PUE 72150 MEXICO
+522225036510 RFC+NNG201012KD4
SEA@NGL-MEXICO.COM

Notify Party and address
NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L
DE C.V.
CALZADA ZAVALA 1306 SANTA CRUZ
BUENAVISTA
PUEBLA PUE 72150 MEXICO
+522225036510 RFC+NNG201012KD4
SEA@NGL-MEXICO.COM

		Place of receipt BREMEN CFS	
Ocean vessel GSL MARIA		Port of loading BREMERHAVEN, GERMANY	
Port of discharge VERACRUZ, MEXICO	Place of delivery VERACRUZ CFS	Freight payable BREMEN	Number of original Bills of Lading 0/ZERO
Marks and Nos. GÜTERMANN MEXICO 82359376	Quantity of Goods 2 PALLETS	Description of Goods SYNTHETIC SEWING THREAD HS CODE: 560500, 540110 **HSCODE: 5006**	Said to contain Gross weight, kg. 290,760 Measurement, m ³ 2,126

STOWED INTO CONTAINER NO.: MRSU5569043

SEAL : B149732

TOTAL 2 PALLETS 290,760 KGS 2,126 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

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Place and date of issue
BREMEN 19.07.2026

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
ALEXANDER BINZEL
SCHWEISSTECHNIK GMBH & CO. KG
KIESACKER 3 - 9
DE - 35418 BUSECK

B/L No.
VER285124



SACO SHIPPING LINE LTD

SACO SHIPPING LINE LIMITED

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

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

6/07/BRE/526616

Copy

Consigned to order of

BINZEL, S.A.DE C.V.
MUNICIPIO DE TEPEZAL #109
VALLE DE AGUASCALIENTES (P.I.V.A.
20358 SAN FCO.DE LOS ROMO, AGS MEXI
TAX ID: BSC 980824 R84
LOZANO@BINZEL.COM.MX
MR HECTOR LOZANO TEL. + 52(440)9730116

Notify Party and address

BINZEL, S.A.DE C.V.
MUNICIPIO DE TEPEZAL #109
VALLE DE AGUASCALIENTES (P.I.V.A.
20358 SAN FCO.DE LOS ROMO, AGS MEXI
TAX ID: BSC 980824 R84
LOZANO@BINZEL.COM.MX
MR HECTOR LOZANO TEL. + 52(440)9730116

		Place of receipt BREMEN CFS				
Ocean vessel GSL MARIA		Port of loading BREMERHAVEN				
Port of discharge VERACRUZ		Place of delivery VERACRUZ CFS	Freight payable VERACRUZ	Number of original Bills of Lading 0/ZERO		
Marks and Nos.		Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg.	Measurement, m ³
BINZEL S.A. DE C.BV. MUNICIPIO DE TEPEZAL #109 VALLE DE AGUASCALIENTES MEXICO REF# 32602838 + 32602704		3 PACKAGES	WELDING TORCHES AND SPAREPARTS REF# 32602838 + 32602704 HS-CODES: 392690, 820411, 851590, 381090, 702000		739,000	2,812

STOWED INTO CONTAINER NO.: MRSU5569043

SEAL : B149732

TOTAL **3 PACKAGES** **739,000 KGS** **2,812 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

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Place and date of issue
BREMEN 19.07.2026

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
F. UNDUETSCH GMBH
VAT: DE 114628774

EMIL-SOMMER-STR. 4-6
28329 BREMEN/GERMANY

B/L No.
VER285126



SACO SHIPPING LINE LTD

Consigned to order of
COLEGIO ALEMAN DE GUADALAJARA, A.C.
BOSQUES DELOS CEDROS NO. 32
COL. LAS CANADAS
C.P.: 45132 ZAPOPAN, JALISCO
MEXICO **

Notify Party and address
A. AGENCIA ADUANAL INTERNACIONAL DE
OCCIDENTE SC
AV DE LOS AGENTES ADUANALES LOC 2
AEROPUERTO INTERNACIONAL MIGUEL
HIDALGO TLAJOMULCO DE ZUNIGA ***

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

ALL COSTS, CHARGES,
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CUSTOMER'S ACCOUNT

6/07/BRE/526617

Copy

		Place of receipt BREMEN CFS		
Ocean vessel GSL MARIA			Port of loading BREMERHAVEN	
Port of discharge VERACRUZ	Place of delivery VERACRUZ 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, m ³
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

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BREMEN 19.07.2026

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



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

Note:

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

Marks and Nos.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg.	Measurement, m ³
COLEGIO ALEMAN GUADALAJARA / MEXICO FUCO 10294-95, 10633	2 PALLETS	BOOKS/LIBROS HS-CODE: 4901		989,000	2,775

** MS. KATHARINA
PAUSE
TEL.:+52-33-3685
0059
FAX:+52-33-3685
0080
VAT-ID-NO./R.F.C.:
CAG 790607 RP2
*** JALISCO CP
45659
TEL 36885456
L.N.I. LUIS MIGUEL
OCAMPO URIBE

STOWED INTO CONTAINER NO.: MRSU5569043

SEAL : B149732

TOTAL	2 PALLETS	989,000 KGS	2,775 CBM
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