

Ships Bag for MB/L 721378351

Container: TCNU2825304	1
SACO RG5681431 59068806.pdf	1
MEXICO PL SHEET March 2026.pdf	2
01616 MANIFEST 5032636.pdf	4
721378351 Waybill.pdf	8
HB/L: GCHAM26050598	16
TYP: Externes B/L	16
VER284475 HBL 157.pdf	16
HB/L: VER284205	18
TYP: Dangerous Goods Declaration	18
'VER284205 DGD 1.pdf'	18
'VER284205 DGD 1.pdf'	19
TYP: MSDS	20
'VER284205 MSDS 1.pdf'	20
'VER284205 MSDS 2.pdf'	31
'VER284205 MSDS 1.pdf'	39
'VER284205 MSDS 2.pdf'	50
TYP: B/L	58
SACO Shipping Line Ltd. B/L VER284205 VER28420	58
HB/L: VER284358	59
TYP: B/L	59
SACO Shipping Line Ltd. B/L VER284358 VER28435	59
HB/L: VER284434	60
TYP: B/L	60
SACO Shipping Line Ltd. B/L VER284434 VER28443	60
HB/L: VER284444	61
TYP: B/L	61
SACO Shipping Line Ltd. B/L VER284444 VER28444	61
HB/L: VER284451	62
TYP: B/L	62
SACO Shipping Line Ltd. B/L VER284451 VER28445	62

HB/L: VER284454	63
TYP: B/L	63
SACO Shipping Line Ltd. B/L VER284454 VER28445	63
HB/L: VER284458	64
TYP: B/L	64
SACO Shipping Line Ltd. B/L VER284458 VER28445	64
HB/L: VER284465	65
TYP: B/L	65
SACO Shipping Line Ltd. B/L VER284465 VER28446	65
HB/L: VER284466	66
TYP: B/L	66
SACO Shipping Line Ltd. B/L VER284466 VER28446	66
HB/L: VER284469	67
TYP: B/L	67
SACO Shipping Line Ltd. B/L VER284469 VER28446	67
HB/L: VER284494	68
TYP: B/L	68
SACO Shipping Line Ltd. B/L VER284494 VER28449	68
HB/L: VER284507	69
TYP: B/L	69
SACO Shipping Line Ltd. B/L VER284507 VER28450	69
HB/L: VER284517	70
TYP: B/L	70
SACO Shipping Line Ltd. B/L VER284517 VER28451	70

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

NVOCC Services worldwide

Bremen, 11. June 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.:

Leistungsdatum : 05.06.2026

INVOICE-No	INVOICE-Date	CUSTOMER-No	SACO-Ref.	B/L-Ref.	Your VAT-ID	R.O.E
5681431	11.06.2026	020896	6/06/BRE/525400	6/06/BRE/5254		0.8596

Vessel:

Destination:

Online-Ref:

Delivery:

Pieces

Gross KOS

Volumen CBM

SACO REF.: VESSEL: PORT: ETA: CONTAINER:
6/06/BRE/5254 MAERSK DANUBE VERACRUZ 23.06.2026 TCNU2825304

Pos.	Description	Rate	Amount	Tax
1	AS PER ATTACHED PL SHEET	1876.26 USD	1876.26	

NO VAT ON

1876.26

VAT ON

0

TOTAL VAT

0

VAT

19%

TOTAL AMOUNT USD

1876.26

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.: 6/06/BRE/5254
Vessel: MAERSK DANUBE
Port: VERACRUZ

ETA: 23.06.2026

Container: TCNU2825304



B/L	COLLECT	Incl.Special charges	Doc fee	Unstuffing	Admin Fee	Transm.Fee	Port Transf	On Carriage	0,00 USD	Quote No.:
VER284205										
VER284358										
VER284434								Mexico City CFS	78,00	tariff
VER284444										
VER284451										
VER284454										
VER284458										
VER284465										
VER284466	148,35									
VER284469				103,02	50,00			Queretaro DAP	264,24	tariff
GCHAM26050598	210,50	698,10								
VER284494										
VER284507										
VER284517										
	358,85	698,10	0,00	103,02	50,00	0,00	0,00		342,24	

COLLECT FREIGHT TOTAL

RELEASE FEE

UNSTUFFING

ADMIN FEE

TRANSMISSION FEE

CREDIT FOR ON CARRIAGE

PORT TRANSFER

358,85 USD

0,00 USD

103,02 USD

50,00 USD

0,00 USD

342,24 USD

0,00 USD

358,85 USD

debit to Intert

0,00 USD

103,02 USD

50,00 USD

0,00 USD

342,24 USD

0,00 USD

495,26 USD

credit to Inter

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

date 01.10.2023 FRT:

54,775

1.314,60 USD

1.314,60 USD

debit to Intert

Hartrodt Kickback USD 4,50 w/m

FRT:

0,00 USD

0,00 USD

debit to Intert

Quick Cargo Kickback USD 3,- w/m

FRT:

0,00 USD

0,00 USD

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

FRT:

0,00 USD

0,00 USD

Linkin / Europartner/XPD Kickback USD 4 w/m

FRT:

0,00 USD

0,00 USD

DHL compensation VER canceled 2026

FRT:

0,00 USD

0,00 USD

credit to Inter

DHL compensation ALM canceled 2026

FRT:

0,00 USD

0,00 USD

K&N compensation canceled 2026

FRT:

0,00 USD

0,00 USD

Ceva compensation canceled 2026

FRT:

0,00 USD

0,00 USD

TOTAL AMOUNT

1.876,29 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			

Manifest

Page: 1

Container-No.: TCNU2825304 40' HIGH CUBE CONTAINER Seal-No.: B050324
Vessel: SAC0911 / MAERSK DANUBE
ETS:
Master-B/L.: 721378351

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
GCHAM2605059	TECNOSTAMP TRIULZI MEXICO	2	PACKAGES	S.T.C. PLASTIC GRANULES HS CODE: 39089000,39119019	1795.000	3.759
VER284205	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:26.5.10-AS HS-CODE:28051100	390.000	1.584
VER284358	MARELLI TOLUCA MEXICO, S DE R.L.CV INVOICE NUMBER: 90166300	3	PALLETS	HEAT SINK 1420.001.109_MEHIKA HS CODE:85129090 WEIGHT: 396 KG	468.000	3.283
VER284434	SPICS S.A. DE C.V. AV. JUAN PABLO II 3279-95 COL. VILLAS DE BERNALEJO CP 36833 IRAPUATO GUANAJUATO DELIVERY: 61877	1	PALLET	LUBRICATION OIL AND LUBRI FLUID HS 34039900, 29051900	228.000	0.605
VER284444	BIZERBA DE MEXICO ORDER: 2002549000	1	PACKAGE	HYGIENICALLY DESIGNED LOAD RECEIVER FOR INDUSTRIAL APPLICATIONS HS CODE: 84238129	368.000	3.540

Manifest

Page: 2

Container-No.: TCNU2825304 40' HIGH CUBE CONTAINER Seal-No.: B050324
Vessel: SAC0911 / MAERSK DANUBE
ETS:
Master-B/L.: 721378351

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER284451	LCL / LCL TECNOLOGICA GESELLSCHAFT FUER HIGH TECH MATERIALIEN UND VERFAHREN GMBH PR26-0124 HITACHI ASTEMO MEXICO S.A. DE C.V. P/O M292542	1	CASE	MASTER ALLOY HS-CODE: 7604 29 10	537.000	0.562
VER284454	ARCELORMITTAL ME XICO, S.A. DE C.V . AV. FRANCISCO J M UGICA. 1-G LIB. CARR. Y L. C ARDENAS 60950 CD. LAZARO CARDENAS, MICHOAC AN MEXIKO KA1-4825	1	PALLET	PRE-MACHINED MATERIAL FOR REPAIR OF THE ELECTRODE ARM HEAD PLATE SAFETY RING RADIAL RING PRESSURE SEGMENT CONICAL LADLE BALL DISC FITTING WASHER INSULATING WASHER HS CODE:85149070, 73182900, 85472000	180.000	0.365
VER284458	HUTCHINSON AUTOPARTES MEXICO SA DE CV	14	PACKAGES	LOADED ONTO 8 PALLETS LOADED INTO 1 LCL D 164S DTEX 1670X1X2 Z/S 60/200 - FOK12-002BR - K HS-NO 56049010 **HSCODE: 56049010**	7429.000	21.403

Manifest

Page: 3

Container-No.: TCNU2825304 40' HIGH CUBE CONTAINER Seal-No.: B050324
Vessel: SAC0911 / MAERSK DANUBE
ETS:
Master-B/L.: 721378351

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER284465	DISTRIBUIDORA DE MAQUINARIA DEL NORTE S.A DE C.V. PORT OF VERACRUZ MEXICO 1/1	1	PACKAGE	SPARE PARTS FOR WIRTGEN ROAD MILLING MACHINES HS CODE: 40101200	453.000	1.748
VER284466	SEG AUTOMOTVIE MEXICO 00454829	4	PALLETS	MOTOR BEARING HS: 84879090 INVOICES: 518863	432.752	3.450
VER284469	11416892, 1305MX	4	PALLETS	POWER CLAMP MACHINE ROLL UP BANNER HS CODE: 851440, 382000, 851490, 940320	556.000	3.679
VER284494	TUNKERS DE MEXICO DN 80367750 / PKL 358730	3	PALLETS	CLAMPING SYSTEMS HS-CODE: 761090, 392690	1700.000	3.716
VER284507	ORD0001028 SIHASI AV. 16 DE SEPTIEM BRE 254 52740 OCOYOACAC MEXICO	1	ROLLE	CARPET ROLL HS CODE:57032999	84.000	0.592

Manifest

Page: 4

Container-No.: TCNU2825304 40' HIGH CUBE CONTAINER Seal-No.: B050324

Vessel: SAC0911 / MAERSK DANUBE

ETS:

Master-B/L.: 721378351

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER284517	FUCO 10447/1-29 FUCO 10658/1-3 FUCO 10666/1-2 FUCO 10290/1-2 PUEBLA/MEXICO	5	PALLETS	LIBROS Y MATERIAL DIDACTICO (PARTIDA: 3215,4901,4903,4905,8 9017,9023) HSCODE: 49019900, 32159070, 85051910, 49011000, 49019100, 49030000, 90230010, 49052000, 90178010, 90178090	2215.000	6.489

Total

Quantity
44

Grossweight
16.835.752

Measurement
54.775

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

SCAC MAEU

B/L No. 721378351

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.
721378351

Export references
6/06/BRE/5254

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)

Notify Party (see clause 22)

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

Vessel
MAERSK DANUBE

Voyage No.
622W

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 44 PACKAGE

TCNU 282530-4 40/DRY 9'6
3 PALLETS GROSS WEIGHT: 390.000 KGS MEASUREMENT: 1.584 CBM
300KG BINAL (NATRIUM IN
TIN FOIL)
UN 1428, NATRIUM, 4.3, IL
(B/E)
ORDER:26.5.10-AS
HS-CODE:28051100
3 PKG GROSS WEIGHT: 468.000 KGS MEASUREMENT: 3.283 CBM
HEAT SINK
1420.001.109-MEHIKA
HS CODE:85129090
WEIGHT: 396 KG
1 PKG GROSS WEIGHT: 228.000 KGS MEASUREMENT: 0.605 CBM
LUBRICATION OIL AND LUBRI
FLUID

Weight
16835.752 KGS

Measurement
54.775 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)
2026-06-05

Date Issue of Waybill
2026-06-05

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 34039900, 29051900
1 PACKAGE GROSS WEIGHT: 368.000 KGS MEASUREMENT: 3.540 CBM
HYGIENICALLY DESIGNED
LOAD RECEIVER FOR
INDUSTRIAL APPLICATIONS
HS CODE: 84238129
1 CASE GROSS WEIGHT: 537.000 KGS MEASUREMENT: 0.562 CBM
MASTER ALLOY
HS-CODE: 7604 29 10
1 PKG GROSS WEIGHT: 180.000 KGS MEASUREMENT: 0.365 CBM
PRE-MACHINED MATERIAL FOR
REPAIR OF THE
ELECTRODE ARM HEAD PLATE
SAFETY RING
RADIAL RING
PRESSURE SEGMENT
CONICAL LADLE
BALL DISC
FITTING WASHER
INSULATING WASHER
HS CODE:85149070,
73182900, 85472000
14 PACKAGES GROSS WEIGHT: 7429.000 KGS MEASUREMENT: 21.403 CBM
LOADED ONTO
8 PALLETS LOADED INTO
1 LCL
D 164S DTEX 1670X1X2 Z/S
60/200 -
FOK12-002BR - K
HS-NO 56049010
HSCODE: 56049010
1 PACKAGE GROSS WEIGHT: 453.000 KGS MEASUREMENT: 1.748 CBM
SPARE PARTS FOR WIRTGEN
ROAD MILLING MACHINES
HS CODE: 40101200
4 PALLETS GROSS WEIGHT: 432.752 KGS MEASUREMENT: 3.450 CBM

Freight & Charges	Rate	Unit	Currency	Prepaid	Collect

MOTOR BEARING
HS: 84879090
INVOICES: 518863
4 PALLETS GROSS WEIGHT: 556.000 KGS MEASUREMENT: 3.679 CBM
POWER CLAMP MACHINE
ROLL UP BANNER
HS CODE:
851440, 382000,
851490, 940320
2 PACKAGES GROSS WEIGHT: 1795.000 KGS MEASUREMENT: 3.759 CBM
S.T.C.
PLASTIC GRANULES
HS CODE: 39089000,39119019
3 PKG GROSS WEIGHT: 1700.000 KGS MEASUREMENT: 3.716 CBM
CLAMPING SYSTEMS
HS-CODE: 761090, 392690
1 ROLLE GROSS WEIGHT: 84.000 KGS MEASUREMENT: 0.592 CBM
CARPET ROLL
HS CODE:57032999
5 PALLETS GROSS WEIGHT: 2215.000 KGS MEASUREMENT: 6.489 CBM
LIBROS Y MATERIAL
DIDACTICO
(PARTIDA:
3215,4901,4903,4905,8505,
9017,9023)
HSCODE:
49019900, 32159070,
85051910,
49011000, 49019100,
49030000,
90230010, 49052000,
90178010,
90178090
EXPRESS RELEASE

Freight & Charges	Rate	Unit	Currency	Prepaid	Collect

TCNU2825304 40 DRY 9'6 44 PACKAGE 16835.752 KGS 54.775 CBM
Shipper Seal : B050324
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. 721378351

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.
721378351

Export references
6/06/BRE/5254

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

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Vessel
MAERSK DANUBE

Voyage No.
622W

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)

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1420.001.109-MEHIKA
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LUBRICATION OIL AND LUBRI
FLUID

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Unit

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Prepaid

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

1 container

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Hamburg

Shipped on Board Date (Local Time)
2026-06-05

Date Issue of Waybill
2026-06-05

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

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

HS 34039900, 29051900
1 PACKAGE GROSS WEIGHT: 368.000 KGS MEASUREMENT: 3.540 CBM
HYGIENICALLY DESIGNED
LOAD RECEIVER FOR
INDUSTRIAL APPLICATIONS
HS CODE: 84238129
1 CASE GROSS WEIGHT: 537.000 KGS MEASUREMENT: 0.562 CBM
MASTER ALLOY
HS-CODE: 7604 29 10
1 PKG GROSS WEIGHT: 180.000 KGS MEASUREMENT: 0.365 CBM
PRE-MACHINED MATERIAL FOR
REPAIR OF THE
ELECTRODE ARM HEAD PLATE
SAFETY RING
RADIAL RING
PRESSURE SEGMENT
CONICAL LADLE
BALL DISC
FITTING WASHER
INSULATING WASHER
HS CODE:85149070,
73182900, 85472000
14 PACKAGES GROSS WEIGHT: 7429.000 KGS MEASUREMENT: 21.403 CBM
LOADED ONTO
8 PALLETS LOADED INTO
1 LCL
D 164S DTEX 1670X1X2 Z/S
60/200 -
FOK12-002BR - K
HS-NO 56049010
HSCODE: 56049010
1 PACKAGE GROSS WEIGHT: 453.000 KGS MEASUREMENT: 1.748 CBM
SPARE PARTS FOR WIRTGEN
ROAD MILLING MACHINES
HS CODE: 40101200

Freight & Charges

Rate

Unit

Currency

Prepaid

Collect

4 PALLETS GROSS WEIGHT: 432.752 KGS MEASUREMENT: 3.450 CBM
MOTOR BEARING
HS: 84879090
INVOICES: 518863
4 PALLETS GROSS WEIGHT: 556.000 KGS MEASUREMENT: 3.679 CBM
POWER CLAMP MACHINE
ROLL UP BANNER
HS CODE:
851440, 382000,
851490, 940320
2 PACKAGES GROSS WEIGHT: 1795.000 KGS MEASUREMENT: 3.759 CBM
S.T.C.
PLASTIC GRANULES
HS CODE: 39089000,39119019
3 PKG GROSS WEIGHT: 1700.000 KGS MEASUREMENT: 3.716 CBM
CLAMPING SYSTEMS
HS-CODE: 761090, 392690
1 ROLLE GROSS WEIGHT: 84.000 KGS MEASUREMENT: 0.592 CBM
CARPET ROLL
HS CODE:57032999
5 PALLETS GROSS WEIGHT: 2215.000 KGS MEASUREMENT: 6.489 CBM
LIBROS Y MATERIAL
DIDACTICO
(PARTIDA:
3215,4901,4903,4905,8505,
9017,9023)
HSCODE:
49019900, 32159070,
85051910,
49011000, 49019100,
49030000,
90230010, 49052000,
90178010,
90178090
EXPRESS RELEASE

Freight & Charges

Rate

Unit

Currency

Prepaid

Collect

Shipper Grässlin Süd GmbH Auf Herdenen 25 78052 Villingen-Schwenningen Germany		B/L No. GCHAM26050598	
Consigned to order of Tecnostamp Triulzi Mexico S.de R.L .de C.V. Parc Industrial Querétaro Calle Benito Juarez 127b 76220 Querétaro, MEX Mexico		 115, OMONIA AVENUE PAROUTIS BLDG., 3 rd Floor 3045 LIMASSOL	
Notify Party and address Tecnostamp Triulzi Mexico S.de R.L .de C.V. Parc Industrial Querétaro Calle Benito Juarez 127b 76220 Querétaro, MEX Mexico			
Ocean Vessel MAERSK DANUBE	Voyage No. SAC0911	Port of Loading Hamburg	Place of Acceptance Hamburg
Port of Discharge Veracruz	Place of Delivery Veracruz	Freight payable Veracruz	Number of original Bills of Lading E / Express B/L
Marks and Nos. Tecnostamp Triulzi México		Quantity and description of goods 2 Package(s) S.T.C. plastic granules HS Codes: 39089000, 39119019	Gross weight, kg Measurement, m³ 1.795kg
DRAFT			
All particulars above declared by Merchant			
For delivery of cargo please apply to InterTEAM SA de CV Colima 114 Desp 201 Col. Roma 06700 Cuauhtemoc, MEX Mexico		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 must be surrendered duly endorsed in exchange for the goods or delivery order. IN WITNESS whereof three (3) original Bs/L have been signed , if not otherwise stated above, one of which being accomplished the other(s) to be void.	
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.		Place and date of issue Norderstedt / 2026-JUN-03 Signed for the carrier  as agents of carrier G.C.S. Container Line Ltd.	

1. **Applicability**

Notwithstanding the heading "Combined Transport", the provisions set out and referred to in this Bill of Lading shall also apply, if the transport as described in this Bill of Lading is performed by one mode of transport only.

2. **Definitions**

"Carrier" means the party on whose behalf this Bill of Lading has been signed. "Merchant" includes the Shipper, the Receiver, the Consignor, and the Consignee, the holder of this Bill of Lading and the owner of the Goods or person entitled to the possession of the Goods and the servants and agents and principals of any of these, all of whom shall be jointly and severally liable to the Carrier for the payment of Freight, and for the performance of the obligations of any of them under this Bill of Lading. "Goods" means the cargo received from the Shipper and includes a Container not supplied by the Carrier. "Container" includes a container, trailer, transportable tank, flat rack, pallet or any other article used to consolidate Goods or any equipment thereof or connected thereto. "Carriage" means the whole of the operations and the services undertaken by the Carrier in respect of the Goods. "Combined Transport" arises when the Place of Acceptance and/or the Place of Delivery are set out on page two overleaf in the relevant margins.

3. **Carrier's Tariff**

The terms of the Carrier's applicable Tariff at the date of shipment are incorporated herein. Copies of the relevant provisions of the applicable Tariff are available from the Carrier or its agents. In the case of inconsistency between this Bill of Lading and the applicable Tariff, this Bill of Lading shall prevail.

4. **Time Bar**

All liability, whatsoever, of the Carrier shall cease unless suit is brought within 9 months after delivery of the Goods or the date when the Goods should have been delivered.

5. **Law and Jurisdiction**

Except as otherwise provided specifically herein, disputes arising under this Bill of Lading or in connection therewith shall be determined exclusively by the High Court of Justice in London and in accordance with the English law. Any actions against the Merchant may, at the Carrier's sole option, also be brought in the countries of the Port of Loading, Port of Discharge, Place of Delivery or in any jurisdiction where the Merchant has a place of business.

6. **Subcontracting**

The Carrier shall be entitled to subcontract the whole or any part of the contract of Carriage, loading, unloading, storing, warehousing, handling including, but not limited to all duties usually undertaken by a Carrier.

7. **Methods and Routes of Transportation**

The Carrier may at any time and without notice to the Merchant:

- (a) use any means of transport (water, land and/or air) or storage whatsoever;
- (b) transship or carry the Goods on another vessel or conveyance or by any other means of transport than that named on page two overleaf;
- (c) proceed by any route in its sole and absolute discretion and whether the nearest, most direct, customary or advertised route at any speed, and proceed to or stay at any place whatsoever once or more often and in any order or omit calling at any port, whether scheduled or not;
- (d) terminate the transportation and discharge Goods or Containers or other packages and devan and/or store contents at any place whatsoever, ashore or afloat, in the open or covered, and require the Merchant to take delivery and, upon failure to do so, warehouse the Goods at risk and expense of Merchant and Goods;
- (e) comply with any orders, directions or recommendations given by any government or authority or by any person or body acting or purporting to act with the authority of any government or authority or having under the terms of the insurance on the Vessel or other conveyance employed by the Carrier the right to give such orders, directions or recommendations;
- (f) take any other steps or precautions as may appear reasonable to the Carrier under the circumstances.

The liberties set out in Clause 7(a) through 7(f) may be invoked for any purpose whatsoever even if not connected with the carriage covered by this Bill of Lading, and any action taken or omitted to be taken, and any delay arising therefrom, shall be deemed to be within the contractual and contemplated carriage and not be an unreasonable deviation. Notwithstanding, the Carrier shall be entitled to full Charges and any additional freight, storage and all other expenses incurred by or on behalf of Carrier, all of which shall be due and owing from Merchant, and the Carrier shall have a lien on the Goods for same.

8. **Optional Storage**

- (1) Goods may be stowed by the Carrier by means of and in, for example, Containers, trailers, transportable tanks, flats, pallets, or similar articles of transport used to consolidate Goods.
- (2) Containers, trailers, transportable tanks and covered and uncovered flats, whether stowed by the Carrier or received by it in a stowage condition from the Merchant, may be carried on or under deck without notice to the Merchant and if so carried, the legislation referred to in Clause 11 below shall apply notwithstanding carriage on deck and the Goods and/or Containers shall contribute to General Average as if carried under deck.

Notwithstanding anything contained in this Clause the Carrier shall be under no liability whatsoever for loss, damage or delay howsoever occurring to Goods stated on page two overleaf hereof to be carried on deck or so carried or to live animals whether or not carried on or under deck.

9. **Hindrances affecting performance**

- (1) The Carrier shall use reasonable endeavours to complete the transport and to deliver the Goods at the place designated for delivery or as near thereto as under the prevailing circumstances possible.
- (2) If at any time the performance of the contract as evidenced by this Bill of Lading is or will be affected by any hindrance, risk, delay, difficulty or disadvantage of whatsoever kind the Carrier (whether or not the transport is commenced) may at any time at its sole discretion and without notice to the Merchant:
- (a) abandon the Carriage of the Goods and where reasonably possible place the Goods or any part of them at the Merchant's disposal at any place which the Carrier may deem safe and convenient, whereupon the responsibility of the Carrier in respect of such Goods shall cease, or sell the Goods;
- (b) without prejudice to the Carrier's right to abandon the Carriage under Sub-Clause (a) above, continue the Carriage.
- (3) In any event the Carrier shall be entitled to full freight for Goods received for transportation and additional compensation for extra costs resulting from the circumstances referred to above. The Carrier exercising the liberties under this Clause shall not be under any obligation to take any particular measure and shall not be liable for any loss, delay or damage howsoever arising from any action or lack of action under this Clause.
- (4) The liability of the Carrier in respect of the Goods shall cease on the delivery or other disposition of the Goods in accordance with the orders or recommendations given by any government or authority or any person acting or purporting to act as or on behalf of such government or authority.

10. **Option of Inspection**

The Carrier may at its option open any Container or package to inspect the contents. If it appears that any part thereof cannot safely or properly be carried, either at all or without incurring additional expense, the Carrier may abandon the transportation and/or take any measures and/or incur any reasonable additional expenses to continue carriage or store Goods, which storage shall be deemed to constitute due delivery hereunder. The Merchant shall indemnify the Carrier against any reasonable additional Charges so incurred, unless due solely to the Carrier's fault.

11. **Basic Liability**

(1) The Carrier shall be liable for loss of or damage to the Goods occurring between the time when it receives the Goods into its charge and the time of delivery. In case of a multimodal transport and if the place of damage or loss of the Goods is known, the responsibility of the Carrier is determined by

such loss or damage arose or resulted from

- (a) act or neglect of the Merchant.
- (b) compliance with the instructions of the person(s) entitled to give them.
- (c) the lack of, or defective conditions of packing in the case of Goods which, by their nature, are liable to wastage or to be damaged when not packed or when not properly packed.
- (d) handling, loading, stowage or unloading of the Goods by or on behalf of the Merchant.
- (e) inherent vice of the Goods.
- (f) insufficiency or inadequacy of marks or numbers on the Goods, covering, or unit loads.
- (g) strikes or lock-outs or stoppages or restraints of labour from whatever cause whether partial or general.
- (h) nuclear incident.
- (i) act, neglect or default of the master, mariner, pilot or the servants of the Carrier in the navigation or in the management of the vessel.
- (j) fire, unless caused by the actual fault or privity of the Carrier.
- (k) act and instructions of governments, of prince and rulers, act of god, force majeure or authorities (including customs authorities) performing their duties.
- (l) independent subcontractors not appointed by or in the direct services of the Carrier.
- (m) any cause or event which the Carrier could not avoid and the consequence whereof it could not prevent by the exercise of reasonable diligence.
- (3) Where under Clause 11 (2) the Carrier is not under any liability in respect of some of the factors causing the loss or damage, it shall only be liable to the extent that those factors for which it is liable under this Clause have contributed to the loss or damage.
- (4) It shall be presumed that a damage which under the circumstances of the case could be attributed to the causes or events specified in Clause 11 (2) were caused by these causes or events. The Merchant shall however be entitled to prove that the loss or damage was not in fact caused either wholly or partly by one or more of these causes or events.

12. **Limits of Liability**

- (1) When the Carrier is liable for compensation in respect of loss of or damage to the Goods, such compensation shall be calculated by reference to the value of such Goods they would have had at the place and time they were delivered to the Merchant in accordance with the contract or when they should have been so delivered.
- (2) The sound value of the Goods shall be fixed according to the commodity exchange price or, if there is no such price, according to the current market price or, if there be no commodity exchange price or current market price, by reference to the normal value of Goods of the same kind and quality and is presumed to be the FOB/CFR invoice value plus freight and insurance if paid.
- (3) Compensation per Bill of Lading for Goods lost or damaged or for other damages shall not exceed US\$ 1,000.00 legal tender of the USA.
- (4) Compensation shall not, however, exceed the limits of the Hague Rules, Hague-Visby Rules/ US COGSA 1936/ or any other limit set under the applicable Conventions. In all other events the compensation shall not exceed US\$ 2.00 per kilo of gross weight of the Goods.
- (5) Higher compensation may be claimed only when, with the consent of the Carrier, the value for the Goods declared by the Shipper and which exceeds the limits laid down in this Clause has been stated on page two overleaf of this Bill of Lading at the place indicated and when an ad valorem freight has been paid. In that case the amount of the declared value shall be substituted for that limit.

13. **Special Provisions for Liability and Compensation**

- (1) Notwithstanding anything provided for in Clauses 11 and 12 above, the loss or damage of the Carrier and or the Merchant shall, in respect of liability of the Carrier, be determined by the provisions contained in any International Convention or national law which provisions cannot be departed from by private contract, to the detriment of the claimants and which would have applied if the Merchant had made a separate and direct contract with the Carrier in respect of the particular stage of transport where the loss or damage occurred and if there was received as evidence thereof any particular document which must be issued if such International Convention or national law shall apply.
- (2) If neither the Hague- or Hague-Visby Rules or US COGSA 1936 or The Water Carriage Act of 1936 apply to carriage by sea by virtue of the foregoing provisions, the liability of the Carrier in respect of any carriage by sea shall be determined by the International Convention for the Unification of certain rules relating to Bills of Lading dated 25 August 1924 (Hague Rules) and any subsequent amendments thereto. The Hague-/Hague-Visby Rules shall also determine the liability of the Carrier in respect of carriage by inland waterways as if such carriage were carriage by sea. They shall also apply to all Goods whether carried on deck or under deck.
- (3) If it cannot be proven where or when or at what stage of the Carriage the Goods were lost or damaged, it shall be conclusively deemed to have occurred whilst at sea and the Carrier's liability, if any, shall be determined in accordance with the provisions of Clause 13 (2).
- (4) If the place of receipt or place of delivery is not named on page two overleaf
- (a) the Carrier shall be under no liability whatsoever for loss of or damage to the Goods, howsoever occurring, if such loss or damage arises prior to loading onto the vessel;
- (b) if the place of delivery is not named on the face hereof, the Carrier shall be under no liability whatsoever for loss of or damage to the Goods, howsoever occurring, if such loss or damage arises subsequent to discharge from the vessel.
- (5) Clauses 11 to 13 of this Bill of Lading apply in addition to and shall not be construed as derogating from any defence or exclusion, restriction or limitation of liability available to the Carrier under the terms of this Bill of Lading or otherwise.

14. **Delay, Consequential Loss**

Unless expressly agreed, the Carrier does not undertake that the Goods shall arrive at the Port of Discharge or Place of Delivery at any particular time or to meet any particular market or use, and the Carrier shall not be liable for direct, indirect or consequential loss or damage caused by delay. If the Carrier should nevertheless be held legally liable for any such direct or indirect or consequential loss or damage caused by such alleged delay, such liability shall be limited to the freight for the transport covered by this Bill of Lading, or to the value of the Goods as determined in Clause 12, whichever is the lesser.

15. **Notice of Loss of or Damage to the Goods**

- (1) Unless notice of loss of or damage to the Goods, specifying the general nature of such loss or damage, is given in writing by the Merchant to the Carrier when the Goods are handed over to the Merchant, such handing over is prima facie evidence of the delivery by the Carrier of the Goods as described in this Bill of Lading.
- (2) Where the loss or damage is not apparent, the same prima facie effect shall apply if notice in writing is not given within three (3) consecutive days after the day when the Goods were handed over to the Merchant.

16. **Defences and Limits for the Carrier, Servants, etc.**

- (1) The defences and limits of liability provided for in this Bill of Lading shall apply in any action against the Carrier for loss or damage to the Goods whether the action be founded in contract, bailment or in tort and even if the loss or damage arose as a result of unseaworthiness, negligence or fundamental breach of contract.
- (2) The Merchant undertakes that no claim shall be made against any servant, agent, Subcontractor or other persons whose services the Carrier has used in order to perform this Contract and if a claim is nevertheless made, to indemnify the Carrier against all consequences thereof.
- (3) Without prejudice to the foregoing every such servant, agent, and Subcontractor shall have the benefit of all Terms and Conditions of

its own behalf, and also as agent and trustee for such servants, agents and Subcontractors.

17. **Merchant's Responsibility**

The Merchant shall be deemed to have guaranteed to the Carrier the accuracy, at the time the Goods were taken in charge by the Carrier, of the description of the Goods, marks, numbers, quantity and weight, as furnished by it and the Merchant shall defend, indemnify and hold harmless the Carrier against all loss, damage and expenses arising or resulting from inaccuracies in or inadequacy of such particulars. The Merchant shall remain liable even if the Bill of Lading has been transferred.

18. **Shipper-packed Containers**

- (1) If a Container has not been loaded, packed or stowed by the Carrier, the latter shall not be liable for loss of or damage to its contents and the Merchant shall cover any loss or expense incurred by the Carrier, if such loss, damage or expense has been caused by:
- (a) negligent loading, packing or stowing of the Container;
- (b) the contents being unsuitable for carriage in Container; or
- (c) the unsuitability or defective condition of the Container unless the Container has been supplied by the Carrier and the unsuitability or defective condition would not have been apparent upon reasonable inspection at or prior to the time when the Container was filled, packed or stowed.
- (2) The Carrier does not accept liability for damage due to the unsuitability or defective condition of any equipment supplied by the Merchant.
- (3) Containers supplied by or on behalf of the Carrier shall be returned to the Carrier with interiors clean, odour free to the point or place designated by the Carrier and in the same order and condition as handed over to the Merchant at the port of loading or any other inland destination and within the time prescribed in the Carrier's tariff or elsewhere. Should a Container not be returned in such manner the Merchant shall be liable for any detention, loss or expense incurred as a result thereof.
- (4) Containers released into the care of the Merchant for packing, unpacking or any other purpose whatsoever are at the sole risk of the Merchant until redelivered to the Carrier. The Merchant shall indemnify the Carrier for all loss of and/or damage and/or delay to such Containers. Merchants are deemed to be aware of the dimensions and capacity of any Containers released to them.

19. **Dangerous Goods**

- (1) The Merchant shall comply with all internationally recognised requirements and all rules which apply according to national law or by reason of international Convention, relating to the carriage of Goods of a dangerous nature, and shall in any event inform the Carrier in writing of the exact nature of the danger before Goods of a dangerous nature are taken into charge by the Carrier and indicate to it, if need be, the precautions to be taken.
- (2) Goods of a dangerous nature which the Carrier did not know were dangerous, may, at any time or place, be unloaded, destroyed, or rendered harmless, without compensation. The Merchant shall be liable for all expenses, loss or damage arising out of their handing over for carriage or of their carriage.
- (3) If any Goods shipped with the knowledge of the Carrier as to their dangerous nature shall become a danger to any person or property, they may in a like manner be landed at any place or destroyed or rendered innocuous by the Carrier without liability on the part of the Carrier except to General Average.
- (4) Any hazardous cargo to be clearly marked with an asterisk on page two overleaf.

20. **Freight and Charges**

- (1) The freight payable hereunder has been calculated and based on particulars of the Goods furnished by or on behalf of the Merchant. The Carrier shall be entitled at any time to reweigh, remeasure or revalue the Goods and for this purpose to open and remove and examine the contents of any Container(s) and if the particulars furnished are found to be incorrect, the freight shall be adjusted accordingly with a surcharge of 30% of the adjusted freight and the Merchant shall also pay any expenses incurred by the Carrier in checking the said particulars.
- (2) Freight shall be deemed completely earned on receipt of the Goods by the Carrier and not returnable in any event, Goods and/or Vessel lost or not lost and shall be paid by the Merchant immediately without any set-off, counter-claim or deduction or stay of execution but at latest before delivery of the cargo.
- (3) Charges and/or expenses and/or claims, fines, penalties, damages, costs and other amounts which may be incurred or imposed upon Carrier by reason of any breach by Merchant of any of the terms and provisions of this Bill of Lading or of any statutory or regulatory requirement or to be paid by the Merchant as agreed and/or under the conditions of this Bill of Lading and/or under the statutory law are payable on demand shall be considered definitely payable in like manner as soon as the charges/expenses have been incurred.
- (4) Merchants shall be jointly and severally liable to Carrier for freight, charges, expenses, demurrage, detention, advances and any and all costs and expenses incurred by the Carrier in connection with the consignment to take delivery whether or not page two overleaf has been marked "prepaid" or "collect" so long as freight, charges, expenses etc. (see above) remain unpaid.

21. **Lien**

The Carrier shall have a lien on the Goods and any documents relating thereto which shall survive delivery of the Goods for any sums whatsoever payable by or chargeable to or for the account of the Merchant under this Bill of Lading and any contract preliminary hereto and for general average contributions to whomsoever due and for the cost and expenses of recovering such sums. The Carrier shall also have a lien against the Merchant on the Goods and any document relating thereto for all sums due from him to the Carrier in connection with any other shipment of the Merchant. The Carrier may exercise its lien at any time and place in its sole discretion and may dispose of or sell the Goods privately or by public auction without notice to the Merchant.

22. **General Average**

- (1) General Average shall be adjusted at any port or place at the Carrier's option, and to be settled according to the York-Antwerp Rules 1994, this covering all Goods whether carried on or under deck. The New Jason Clause, as approved by BIMCO, to be considered as incorporated herein.
- (2) Security including a cash deposit as the Carrier may deem sufficient to cover the estimated contribution of the Goods and any salvage and special charges thereon, shall, if required, be submitted to the Carrier prior to delivery of the Goods.

23. **Both-to-Blame Collision Clause**

The Both-to-Blame Collision Clause as adopted by BIMCO shall be considered incorporated herein.

24. **U.S. Trade**

- (1) In case the contract evidenced by this Bill of Lading is subject to the Carriage of Goods by Sea Act of the United States of America, 1936 (U.S. COGSA), then the provisions stated in the said Act shall govern before loading and after discharge and throughout the entire time the Goods are in the Carrier's custody.
- (2) If the U.S. COGSA applies, and unless the nature and value of the Goods have been declared by the shipper before the Goods have been handed over to the Carrier and inserted in this Bill of Lading, the Carrier shall in no event be or become liable for any loss of or damage to the Goods in an amount exceeding USD 500 per package or customary freight unit.
- (3) The Southern District Court of New York to have sole jurisdiction in cases that are litigated for cargo shipped to or from the United States of America.

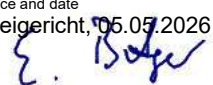
24. **Non-Waiver and Severability**

Nothing in this Bill of Lading shall operate to deprive the Carrier of any statutory protection or defence, immunity, exemption, limitation of or exoneration from liability contained in applicable laws. The Terms and Conditions of this Bill of Lading (including all the terms and conditions of the Carrier's applicable tariff incorporated herein by virtue of Clause 3 above) shall be separable, and if any part or term hereof shall be held invalid, this shall not affect the validity or enforceability of any other part or term hereof.

BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

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

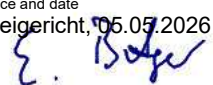
Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, Regulation 4 and the IMDG-Code, Chapter 5.4

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 Spedition- 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;					
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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, 05.05.2026  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)

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 Spedition- 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.)
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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

page 1 of 11



Dr. Bilger Umweltconsulting GmbH

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

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

page 2 of 11



Dr. Bilger Umweltconsulting GmbH



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**

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

revised 02:04:2024



Dr. Bilger Umweltconsulting GmbH

product: BINAL

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

page 3 of 11

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

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 4 of 11



Dr. Bilger Umweltconsulting GmbH

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

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

page 5 of 11

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

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 6 of 11



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

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 7 of 11



Dr. Bilger Umweltconsulting GmbH

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

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

page 8 of 11



Dr. Bilger Umweltconsulting GmbH

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-GGVSE 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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date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 9 of 11



Dr. Bilger Umweltconsulting GmbH

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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revised 02:04:2024

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page 10 of 11



Dr. Bilger Umweltconsulting GmbH

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

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 11 of 11



Dr. Bilger Umweltconsulting GmbH

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.

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

Druckdatum: 13.05.2016
 Seite 1 von 8

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)

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

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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.

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

page 1 of 11

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

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

page 2 of 11



Dr. Bilger Umweltconsulting GmbH



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

page 3 of 11

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

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 4 of 11



Dr. Bilger Umweltconsulting GmbH

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

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

page 5 of 11

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

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 6 of 11



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

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 7 of 11



Dr. Bilger Umweltconsulting GmbH

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

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

page 8 of 11



Dr. Bilger Umweltconsulting GmbH

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-GGVSE 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:



MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 9 of 11



Dr. Bilger Umweltconsulting GmbH

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

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 10 of 11



Dr. Bilger Umweltconsulting GmbH

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

MATERIAL SAFETY DATA SHEET

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

date of issue: 15.01.2009

product: BINAL

revised 02:04:2024

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

page 11 of 11



Dr. Bilger Umweltconsulting GmbH

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.

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 1 von 8

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/: Notfallnummer

Tel.: +49-(0)6051-91669-51
 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)

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.

Shipper
DR. BILGER UMWELTCONSULTING GMBH
GEWERBEPARK BIRKENHAIN 7A
63579 FREIGERICH
GERMANY

B/L No.
VER284205



SACO SHIPPING LINE LTD

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

6/06/BRE/525401

Copy

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

Notify Party and address
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
UPSOCANMEXICO@UPS.COM

		Place of receipt BREMEN CFS				
Ocean vessel MAERSK DANUBE		Port of loading BREMERHAVEN				
Port of discharge VERACRUZ		Place of delivery VERACRUZ CFS	Freight payable HAMBURG	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
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.: TCNU2825304		3 PALLETS	300KG BINAL (NATRIUM IN TIN FOIL) UN 1428, NATRIUM, 4.3, IL (B/E) ORDER:26.5.10-AS HS-CODE:28051100		390,000	1,584
				SEAL : B050324		

SEAL : B050324

TOTAL 3 PALLETS 390,000 KGS 1,584 CBM

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

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

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

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

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

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

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

Place and date of issue
HAMBURG 05.06.2026

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

B/L No.
VER284358



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 CIUDAD DE MEXICO MEXICO
TAX ID:????????

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 CIUDAD DE MEXICO MEXICO

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

Copy

		Place of receipt BREMEN CFS	
Ocean vessel MAERSK DANUBE		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 WEIGHT: 396 KG	Said to contain Gross weight, kg. 468,000 Measurement, m ³ 3,283
INVOICE NUMBER: 90166300 STOWED INTO CONTAINER NO.: TCNU2825304		SEAL : B050324	
TOTAL		3 PALLETS	468,000 KGS 3,283 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;

- 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 05.06.2026

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
LUBRIX GMBH
AM HEGELESBERG 6
73230 KIRCHHEIM/TECK
GERMANY
CTC: MR. ZOELLNER TE: 004970214829005

B/L No.
VER284434



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

Copy

Consigned to order of
SPICS S.A. DE C.V. AV. JUAN PABLO II
3279-95 COL. VILLAS DE BERNALEJO
CP 36833 IRAPUATO GUANAJUATO
VAT NUMBER SPI210323QR9
CTC: MR. FERNANDO GARCIA
PHONE: +52 55 9197 6464
FGARCIA@SPICS.COM.MX / LFERRER@SPICS.COM.MX

Notify Party and address
SPICS S.A. DE C.V. AV. JUAN PABLO II
3279-95 COL. VILLAS DE BERNALEJO
CP 36833 IRAPUATO GUANAJUATO
VAT NUMBER SPI210323QR9
CTC: MR. FERNANDO GARCIA
PHONE: +52 55 9197 6464
FGARCIA@SPICS.COM.MX / LFERRER@SPICS.COM.MX

	Place of receipt BREMEN CFS
Ocean vessel MAERSK DANUBE	Port of loading BREMERHAVEN

Port of discharge VERACRUZ	Place of delivery MEXICO CITY	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
SPICS S.A. DE C.V. AV. JUAN PABLO II 3279-95 COL. VILLAS DE BERNALEJO CP 36833 IRAPUATO GUANAJUATO DELIVERY: 61877 STOWED INTO CONTAINER NO.: TCNU2825304	1 PALLET	LUBRICATION OIL AND LUBRI FLUID HS 34039900, 29051900		228,000	0,605

SEAL : B050324

TOTAL	1 PALLET	228,000 KGS	0,605 CBM
--------------	-----------------	--------------------	------------------

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

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

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

Note:

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

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

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

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

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

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

Place and date of issue
BREMEN 05.06.2026

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
BIZERBA GMBH & CO. KG
WILHELM-KRAUT-STR. 65
72336 BALINGEN
GERMANY

B/L No.
VER284444



SACO SHIPPING LINE LTD

Consigned to order of
BIZERBA DE MEXICO S.A. DE C.V.
BLVD. ADOLFO LOPEZ MATEOS NO. 1384
SANTA MARIA NONOALCO C.P.,
ALCALDIA BENITO JUAREZ CMX 03700
MEXICO, RFC BME930212G71

Notify Party and address
BIZERBA DE MEXICO S.A. DE C.V.
BLVD. ADOLFO LOPEZ MATEOS NO. 1384
SANTA MARIA NONOALCO C.P.,
ALCALDIA BENITO JUAREZ CMX 03700
MEXICO, RFC BME930212G71

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

Copy

		Place of receipt BREMEN CFS	
Ocean vessel MAERSK DANUBE		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. BIZERBA DE MEXICO ORDER: 2002549000	Quantity of Goods 1 PACKAGE	Description of Goods HYGIENICALLY DESIGNED LOAD RECEIVER FOR INDUSTRIAL APPLICATIONS HS CODE: 84238129	Said to contain Gross weight, kg. 368,000 Measurement, m ³ 3,540
STOWED INTO CONTAINER NO.: TCNU2825304		SEAL : B050324	

TOTAL	1 PACKAGE	368,000 KGS	3,540 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;

- 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 05.06.2026

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
JL LOGISTIC GMBH
HELTORFER STRASSE 4
D 40472 DUESSELDORF
GERMANY
IST-ID-NO: DE812647637

B/L No.
VER284451



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

Copy

Consigned to order of
GLADHEIM LOGISTICS S.A. DE C.V.
RIO LERMA 232, PISO 23, INT.A,
CUAUHTEMOC CIUDAD DE MEXICO
MEXICO, C.P. 06500
RFC. GLO120509173
AVISOS@GLADHEIMLOGISTICS.COM
PHONE: +52 55 8852 7826

Notify Party and address
GLADHEIM LOGISTICS S.A. DE C.V.
RIO LERMA 232, PISO 23, INT.A,
CUAUHTEMOC CIUDAD DE MEXICO
MEXICO, C.P. 06500
RFC. GLO120509173
AVISOS@GLADHEIMLOGISTICS.COM
PHONE: +52 55 8852 7826

		Place of receipt HEILIGENHAUS CFS	
Ocean vessel MAERSK DANUBE		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. LCL / LCL TECNOLOGICA GESELLSCHAFT FUER HIGH TECH MATERIALIEN UND VERFAHREN GMBH PR26-0124 HITACHI ASTEMO MEXICO S.A. DE C.V. P/O M292542	Quantity of Goods 1 CASE	Description of Goods MASTER ALLOY HS-CODE: 7604 29 10	Said to contain Gross weight, kg. 537,000 Measurement, m ³ 0,562

STOWED INTO CONTAINER NO.: TCNU2825304

SEAL : B050324

TOTAL **1 CASE** **537,000 KGS** **0,562 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 05.06.2026

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
FLOHE GMBH
RHEINSTRASSE 19
44579 CASTROP-RAUXEL
GERMANY

B/L No.
VER284454



SACO SHIPPING LINE LTD

Consigned to order of
ARCELORMITTAL MEXICO, S.A. DE C.V.
AV. FRANCISCO J MUGICA 1-G
LÁZARO CÁRDENAS, MICH., MEXIKO

TAX ID: AME941028N57

Notify Party and address
SAME AS CONSIGNEE
DANIELA CHAVEZ
T + 52 (753) 533 2084
MARIADANIELA.CHAVEZ@ARCELORMITTAL.COM

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

6/06/BRE/525406

Copy

		Place of receipt BREMEN CFS		
Ocean vessel MAERSK DANUBE			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
ARCELORMITTAL ME XICO, S.A. DE C.V . AV. FRANCISCO J M UGICA. 1-G LIB. CARR. Y L. C ARDENAS 60950 CD. LAZARO CARDENAS, MICHOAC AN MEXIKO KA1-4825	1 PALLET	PRE-MACHINED MATERIAL FOR REPAIR OF THE ELECTRODE ARM HEAD PLATE SAFETY RING RADIAL RING PRESSURE SEGMENT CONICAL LADLE BALL DISC FITTING WASHER INSULATING WASHER HS CODE:85149070, 73182900, 85472000		180,000	0,365

STOWED INTO CONTAINER NO.: TCNU2825304

SEAL : B050324

TOTAL **1 PALLET** **180,000 KGS** **0,365 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;

- 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 05.06.2026

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
BDP INTERNATIONAL GMBH
HEIDENKAMPSWEG 99
20097 HAMBURG
GERMANY

B/L No.
VER284458



SACO SHIPPING LINE LTD

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

6/06/BRE/525402

Copy

Consigned to order of
ED FORWARDING S.A.P.I. DE C.V
AV INSURGENTES 1602 PIS.7 OF.702BIS
COL. CREDITO CONSTRUCTOR DEL BENITO
TAX ID:EFO140714JPA
C.P. 03940 CIUDAD DE MEXICO

Notify Party and address
ED FORWARDING S.A.P.I. DE C.V
AV INSURGENTES 1602 PIS.7 OF.702BIS
COL. CREDITO CONSTRUCTOR DEL BENITO
TAX ID:EFO140714JPA
C.P. 03940 CIUDAD DE MEXICO
00525541690000

		Place of receipt MUHLHAUSEN			
Ocean vessel MAERSK DANUBE		Port of loading BREMERHAVEN, GERMANY			
Port of discharge VERACRUZ, MEXICO		Place of delivery VERACRUZ CFS	Freight payable HAMBURG	Number of original Bills of Lading 0/ZERO	
Marks and Nos. HUTCHINSON AUTOPARTES MEXICO SA DE CV	Quantity of Goods 14 PACKAGES	Description of Goods LOADED ONTO 8 PALLETS LOADED INTO 1 LCL		Said to contain	Gross weight, kg. 7429,000
					Measurement, m ³ 21,403

STOWED INTO CONTAINER NO.: TCNU2825304

SEAL : B050324

TOTAL **14 PACKAGES** **7429,000 KGS** **21,403 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 05.06.2026

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
WIRTGEN GMBH
REINHARD-WIRTGEN-STR. 2
53578 WINDHAGEN
GERMANY

B/L No.
VER284465



SACO SHIPPING LINE LTD

Consigned to order of
DISTRIBUIDORA DE MAQUINARIA
DEL NORTE S.A DE C.V.
FRACCIONAMIENTO, CAMPESTRE LAS
CAROLINA, AV. DE LOS BERRENDOS 20110
31183 CHIHUAHUA, MEXICO

Notify Party and address
SAME AS CONSIGNEE
JUAN ANTONIO CANO GONZALEZ
T: +52 5583206580 / +52 5519291158
EMAIL: JUAN.CANO@DIMANOR.COM.MX
VAT DMN0110295P6

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

Copy

		Place of receipt BREMEN CFS	
Ocean vessel MAERSK DANUBE		Port of loading BREMERHAVEN	
Port of discharge VERACRUZ	Place of delivery VERACRUZ CFS		Freight payable BREMEN
		Number of original Bills of Lading 3/THREE	
Marks and Nos. DISTRIBUIDORA DE MAQUINARIA DEL NORTE S.A DE C.V. PORT OF VERACRUZ MEXICO 1/1	Quantity of Goods 1 PACKAGE	Description of Goods SAID TO CONTAIN SPARE PARTS FOR WIRTGEN ROAD MILLING MACHINES HS CODE: 40101200	Gross weight, kg. 453,000
		Measurement, m ³ 1,748	

STOWED INTO CONTAINER NO.: TCNU2825304

SEAL : B050324

TOTAL **1 PACKAGE** **453,000 KGS** **1,748 CBM**

FREIGHT PREPAID - SHIPPED ON BOARD

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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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 05.06.2026

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
SCAN GLOBAL LOGISTICS GMBH
VIOLENSTRASSE 27
28195 BREMEN

B/L No.
VER284466



SACO SHIPPING LINE LTD

Consigned to order of

SGL TRANSGROUP DE MEXICO SA DE CV.
AV. PASEO DE LAS PALMAS,405 INT 501
COL. LOMAS DE CHAPULTEPEC,
CP 11000 CIUDAD DE MEXICO.
TAX ID STM2012087C3 ++
++ OPERATIONS.MTY@SCANGL.COM

Notify Party and address

SGL TRANSGROUP DE MEXICO SA DE CV.
AV. PASEO DE LAS PALMAS,405 INT 501
COL. LOMAS DE CHAPULTEPEC,
CP 11000 CIUDAD DE MEXICO.
TAX ID STM2012087C3 ++
++ OPERATIONS.MTY@SCANGL.COM

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

Copy

		Place of receipt BREMEN CFS	
Ocean vessel MAERSK DANUBE		Port of loading BREMERHAVEN	
Port of discharge VERACRUZ	Place of delivery VERACRUZ CFS		Freight payable DESTINATION
		Number of original Bills of Lading 0/ZERO	
Marks and Nos. SEG AUTOMOTVIE MEXICO 00454829 STOWED INTO CONTAINER NO.: TCNU2825304	Quantity of Goods 4 PALLETS	Description of Goods MOTOR BEARING HS: 84879090 INVOICES: 518863	Said to contain Gross weight, kg. 432,752 Measurement, m ³ 3,450
TOTAL		4 PALLETS	432,752 KGS 3,450 CBM

SEAL : B050324

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

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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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 05.06.2026

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
HAIMER GMBH
WEIHERSTR. 21
86568 IGENHAUSEN
GERMANY

B/L No.
VER284469



SACO SHIPPING LINE LTD

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

6/06/BRE/525403

Copy

Consigned to order of
FRANZ HAIMER MEXICO S DE RL DE CV
PERIFERICO VIAL FRAY JUNIPERO
SERRA 16950-2 VILLAS DE SANTIAGO
76148 QUERETARO, MEXICO
RFC:FHM140110K40 MR. MISAEL BAEZA
TEL. (442) 243-0950
EMAIL: MISAEL.BAEZA@HAIMERMEX.COM

Notify Party and address
LOGISTIC, S DE RL DE CV
INDIO TRISTE NO. 320, COL. CARRETAS
CP. 76050, QUERÉTARO, QRO. MEXICO
RFC:LOG090626HF6
TELS. 442 213 82 14/ 442 227 45 45
TRAFICO@GRUPOSAPA.COM

		Place of receipt IGENHAUSEN			
Ocean vessel MAERSK DANUBE		Port of loading BREMERHAVEN			
Port of discharge VERACRUZ		Place of delivery QUERETARO DAP	Freight payable HAMBURG	Number of original Bills of Lading 0/ZERO	
Marks and Nos. 11416892, 1305MX	Quantity of Goods 4	PALLETS	Description of Goods POWER CLAMP MACHINE ROLL UP BANNER	Said to contain Gross weight, kg. 556,000	Measurement, m ³ 3,679

HS CODE:
851440, 382000,
851490, 940320

STOWED INTO CONTAINER NO.: TCNU2825304

SEAL : B050324

TOTAL 4 PALLETS 556,000 KGS 3,679 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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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 05.06.2026

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.
VER284494



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

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 SEA@NGL-MEXICO.COM
RFC+NNG201012KD4

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 SEA@NGL-MEXICO.COM
RFC+NNG201012KD4

		Place of receipt BREMEN CFS	
Ocean vessel MAERSK DANUBE		Port of loading BREMERHAVEN, GERMANY	
Port of discharge VERACRUZ, MEXICO	Place of delivery VERACRUZ, MEXICO CFS	Freight payable BREMEN	Number of original Bills of Lading 0/ZERO
Marks and Nos. TUNKERS DE MEXICO DN 80367750 / PKL 358730	Quantity of Goods 3 PALLETS	Description of Goods CLAMPING SYSTEMS HS-CODE: 761090, 392690	Said to contain Gross weight, kg. 1700,000 Measurement, m ³ 3,716

STOWED INTO CONTAINER NO.: TCNU2825304

SEAL : B050324

TOTAL **3 PALLETS** **1700,000 KGS** **3,716 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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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 05.06.2026

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
OBJECT CARPET
MARIE-CURIE-STR. 3
73770 DENKENDORF
DE

B/L No.
VER284507



SACO SHIPPING LINE LTD

Consigned to order of
SIHASI
AV. 16 DE SEPTIEMBRE 254
52740 OCOYOACAC
MX
TAX ID: GHA910724LP0
EMAIL: ALAN@SIHASI.COM,
GABRIEL@SIMONHAMUI.CO

Notify Party and address
SIHASI
AV. 16 DE SEPTIEMBRE 254
52740 OCOYOACAC
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
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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

Copy

		Place of receipt BREMEN CFS	
Ocean vessel MAERSK DANUBE		Port of loading HAMBURG	
Port of discharge VERACRUZ	Place of delivery VERACRUZ CFS		Freight payable BREMEN
		Number of original Bills of Lading 0/ZERO	
Marks and Nos. ORD0001028 SIHASI AV. 16 DE SEPTIEM BRE 254 52740 OCOYOACAC MEXICO STOWED INTO CONTAINER NO.: TCNU2825304	Quantity of Goods 1 ROLLE	Description of Goods CARPET ROLL HS CODE:57032999	Said to contain Gross weight, kg. 84,000 Measurement, m ³ 0,592

SEAL : B050324

TOTAL **1 ROLLE** **84,000 KGS** **0,592 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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Place and date of issue
BREMEN 05.06.2026

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
F. UNDUETSCH GMBH

B/L No.
VER284517

EMIL-SOMMER-STR. 4-6
28329 BREMEN



SACO SHIPPING LINE LTD

Consigned to order of

COLEGIO HUMBOLDT AC/SRA.SUSANA
ORTEGA / AV. TOLTECA PONIENTE NO. 2
FRACC. NUEVO HUMBOLDT / 72735
CUAUTLancingo, PUEBLA / MEXIC
RFC: CHU-840202-R79 /
TEL. +52 (222) 285 5153 EXT. 150

Notify Party and address

CORPORACION MEXICO EXPRESS SC
PASEO COLON NO. 2421 NO.INT. B COL.
MADERO C.P. 88270 / NUEVO LAREDO
TAMAULIPAS / RFC: GOJF580528064V6
TEL. 55-36-32-85-14

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

Copy

		Place of receipt BREMEN CFS				
Ocean vessel MAERSK DANUBE		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
FUCO 10447/1-29		5	PALLETS	LIBROS Y MATERIAL DIDACTICO	2215,000	6,489
FUCO 10658/1-3				(PARTIDA:		
FUCO 10666/1-2				3215,4901,4903,4905,8505,		
FUCO 10290/1-2				9017,9023)		
PUEBLA/MEXICO				HSCODE:		
				49019900, 32159070, 85051910,		
				49011000, 49019100, 49030000,		
				90230010, 49052000, 90178010,		
				90178090		

STOWED INTO CONTAINER NO.: TCNU2825304

SEAL : B050324

TOTAL **5 PALLETS** **2215,000 KGS** **6,489 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

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- 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 05.06.2026

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