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SHIPPER/EXPORTER SACO SHIPPING GMBH AS AGENT OF SACO SHIPPING LINE LTD BGM.-SMIDT-STR.128 D-28195 BREMEN GERMANY / DE118597456		BOOKING NO. HAMMD64937800	SEA WAYBILL NO. ONEYHAMMD64937800
CONSIGNEE INTERTEAM, S.A. DE C.V. SERVIC. INTERNACION. DE COMERCIO COLIMA 114 DESPACHO 201 COLONIA ROMA,C.P.06700, MEXICO DF CN>		EXPORT REFERENCES(for the Merchant's and/or Carrier's reference only. See back clause 8. (4).) 308BRE5262 ARA 184558	
NOTIFY PARTY (It is agreed that no responsibility shall be attached to the Carrier or its Agents for failure to notify) INTERTEAM, S.A. DE C.V. SERVIC. INTERNACION. DE COMERCIO COLIMA 114 DESPACHO 201 COLONIA ROMA,C.P.06700, MEXICO DF NP>		FORWARDING AGENT-REFERENCES FMC NO.	
PRE-CARRIAGE BY		PLACE OF RECEIPT HAMBURG, HH	RECEIVED by the Carrier in apparent good order and condition (unless otherwise stated herein) the total number or quantity of Containers or other packages or units indicated in the box entitled "Carrier's Receipt", to be carried subject to all the terms and conditions hereof from the Place of Receipt or Port of Loading to the Port of Discharge or Place of Delivery, as applicable. Delivery of the Goods to the Carrier for Carriage hereunder constitutes acceptance by the Merchant (as defined hereinafter) (i) of all the terms and conditions, whether printed, stamped or otherwise incorporated on this side and on the reverse side of this Bill of lading and the terms and conditions of the Carrier's applicable tariff(s) as if they were all signed by the Merchant, and (ii) that any prior representations and/or agreements for or in connection with Carriage of the Goods are superseded by this Bill of Lading. If this is a negotiable (To Order/of) Bill of Lading, one original Bill of Lading, duly endorsed must be surrendered by the Merchant to the Carrier (together with any outstanding Freight) in exchange for the Goods or a Delivery Order or the pin codes for any applicable Electronic Release System. If this is a non-negotiable (straight) Bill of Lading, or where issued as a Sea Waybill, the Carrier shall deliver the Goods or issue a Delivery Order or the pin codes for any applicable Electronic Release System (after payment of outstanding Freight) to the named consignee against the surrender of one original Bill of Lading, or in the case of a Sea Waybill, on production of such reasonable proof of identity as may be required by the Carrier, or in accordance with the national law at the Port of Discharge or Place of Delivery as applicable. IN WITNESS WHEREOF the Carrier or their Agent has signed the number of Bills of Lading stated at the top, all of this tenor and date, and whenever one original Bill of Lading has been surrendered all other Bills of Lading shall be void.
OCEAN VESSEL VOYAGE NO. FLAG SANTA VIOLA 034W	PORT OF LOADING HAMBURG, HH	FINAL DESTINATION(for the Merchant's reference only) VERACRUZ	
PORT OF DISCHARGE VERACRUZ	PLACE OF DELIVERY VERACRUZ	TYPE OF MOVEMENT(IF MIXED, USE DESCRIPTION OF PACKAGES AND GOODS FIELD) FCL / FCL CY / CY	
(CHECK "HM" COLUMN IF HAZARDOUS MATERIAL)		PARTICULARS DECLARED BY SHIPPER BUT NOT ACKNOWLEDGED BY THE CARRIER	

CNTR. NOS. W/SEAL NOS. MARKS & NUMBERS	QUANTITY (FOR CUSTOMS DECLARATION ONLY)	H M	DESCRIPTION OF GOODS	GROSS WEIGHT	GROSS MEASUREMENT
TCLU6508743 / WWA030044992			/ 49 PACKAGES /FCL / FCL/40HQ	19283.823KGS/55.767M3	
EVONIK OPERATIONS GMBH 3009613716 REWOCOROS AL 200 46341713 MADE IN %COUNTYOFORIGIN VERACRUZ MEXICO	1 PACKAGE	H	= WITH 4 DRUMS REWOCOROS AL 200 HS-CODE: 340239 UN 3265/CLASS 8/PG II IMO GROSS WEIGHT: 834,400 KGS IMO NET WEIGHT : 800,000 KGS IMO 8 UN 3265	834.400KGS	1.430CBM

** TO BE CONTINUED ON ATTACHED LIST **

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

FREIGHT & CHARGES PAYABLE AT / BY: HAMBURG, HH MEXICO CITY				SERVICE CONTRACT NO. THAMN00236A	DOC FORM NO.	COMMODITY CODE	EXCHANGE RATE	[0] ORIGINAL BILLS(S) HAVE BEEN SIGNED.
CODE	TARIFF ITEM	FREIGHTED AS	RATE	PREPAID	COLLECT			
						DATE CARGO RECEIVED		
						DATE LADEN ON BOARD 18 AUG 2023		
						PLACE OF BILL(S) ISSUE HAMBURG		
						DATED 18 AUG 2023		
The printed terms and conditions on this Bill are available at its website at www.one-line.com						SIGNED BY: OCEAN NETWORK EXPRESS (EUROPE) LTD. GERMANY BRANCH as agent for and on behalf of		

Thorsten Bratthar



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

ORIGINAL NON NEGOTIABLE

VESSEL VOYAGE: SANTA VIOLA 034W

B/L NO.: ONEYHAMD64937800

CNTR NOS. W/SEAL NOS. MARKS & NUMBERS	QUANTITY (FOR CUSTOMS DECLARATION ONLY)	H M	DESCRIPTION OF GOODS	GROSS WEIGHT	MEASUREMENT
NMERO DE PEDIDO EVONIK, , , , 30096 4 812 NOURYBOND 316 18 0 KG TAMBOR DE ACERO 1A2 NOMBRE PRODUCTO, , , , , , , , , NOURYBOND 316 18 0 KG TAMBOR DE ACERO 1A2 PAS DE ORIGEN, , , , , , , , A L EMA SU NMERO DE PEDIDO, , , , , , , , 463 3 980	5 PACKAGES		NOURYBOND 316 DRUM 180KG HS-CODE: 390890 UN 3082/CLASS 9/PG III IMO GROSS WEIGHT: 3980,000 KGS IMO NET WEIGHT : 3600,000 KGS IMO 9 UN 3082	4080.000KGS	7.187CBM
CONSTRUMAC SAPI DE CV PORT OF VERACRUZ MEXICO 1/11 - 11/11	11 PACKAGES		SPARE PARTS FOR WIRTGEN ROAD MILLING MACHINES HS CODES : 84799070, 84314300, 84314980, 27101983, 84791000, 34039900, 40101200, 40103300, 27101987, 73269098, 39269097, 87084099	4519.000KGS	13.715CBM
EISSMANN MEXICO INV: 116.786 EISSMANN MEXICO DN: 00099071 EISSMANN MEXICO INV. V896582 EISSMANN AUTOMOTIVE QUERETARO, S. DE R.L. DE C.V. INV 211186 EISSMANN MEXICO DN 656793 EISSMANN MEXICO DN: 00099328 EISSMANN MEXICO INV 63508 EISSMANN	14 PACKAGES		18 PK 234,000 ON 1 PALLET S/PROTECCION K HS CODE: 392690 1 PX 99,000 PROP FOR GLOVEBOX HS CODE: 392630 **HSCODE: 392630** 2 PX 425,200 AUTOMOTIVE PARTS HS-CODE: 391990 1 PK 306,000 SPRING W/RUBBER SL. HS-CODE: 732020 3 PK 363,300 AUTOMOTIVE PARTS HS-CODE: 392690 1 PX 99,000 PROP FOR GLOVEBOX HS CODE: 392630 HSCODE: 392630	2056.500KGS	12.749CBM

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

, as agent for and on behalf of

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

ORIGINAL NON NEGOTIABLE

VESSEL VOYAGE: SANTA VIOLA 034W

B/L NO.: ONEYHAMD64937800

CNTR NOS. W/SEAL NOS. MARKS & NUMBERS	QUANTITY (FOR CUSTOMS DECLARATION ONLY)	H M	DESCRIPTION OF GOODS	GROSS WEIGHT	MEASUREMENT
AUTOMOTIVE MEXICO INV 3757905, 3757904, 3757928 EISSMANN AUTOMOTIVE MEXICO INV 3757905, 3757904, 3757928			1 PX 130,000 METAL GRID HS-CODE: 852990 3 PK 338,000 LINEAR DAMPER HS-CODE: 392690 1 PK 62,000 LINEAR DAMPER HS-CODE: 392690		
NO MARKS	12 PACKAGES		BUILDING MATERIAL ALU PROFILES HS: 76042100, 39169010, 76042990, 39169090, 39259080, 39162000, 72224050, 40169300, 83024900, 40082900, 76109090, 39269097, 73181410, 73181562, 83024150, 39259010, 76161000, 40161000, 73181535, 73269098, 35069190, 39211900, 79070000, 83024110, 83016000, 83014011, 83022000, 63049300,	4099.923KGS	15.217CBM
TUNKERS MEXICO 318093,0891	4 PACKAGES		MACHINERY PARTS HS-CODE: 392690, 401693, 731815, 731821, 731822, 731829, 761090, 847990, 848240, 848250, 848299, 848330, 848390, 853710	3024.000KGS	4.163CBM
82392491-1, 82392491-2 OPERA DEL ESTE ASIATICO SA CV 82392491-1, 82392491-2 OPERA DEL ESTE ASIATICO SA CV	2 PACKAGES		1 PALLET 528,000 HS: 850151 WARENBESCHREIBUNG??? 1 PALLET 142,000 HS: 850151 WARENBESCHREIBUNG CN> PH: 514-69 15 FX: 208-79-8 NP> PH: 514-69 15 FX: 208-79-8	670.000KGS	1.306CBM

ALSO NOTIFY 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 OCEAN FREIGHT PREPAID SHIPPED ON BOARD SHIPPER'S LOAD, STOW AND COUNT INLAND TRANSPORTATION IN MEXICO IS CARRIED OUT ACCORDING TO LOCAL REGULATIONS. THE INFORMA TION IN THE MASTER BILL OF LADING CAN BE AMENDED SUBJECT TO CUSTOMS REVIEW AND PENALIZATIO N IF THE BILL OF LADING IS ALLOWED TO AMEND, THE REQUESTER OF THE AMENDMENT SHALL BE RESPO					

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

, as agent for and on behalf of



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

ORIGINAL NON NEGOTIABLE

VESSEL VOYAGE: SANTA VIOLA 034W

B/L NO.: ONEYHAMD64937800

CNTR NOS. W/SEAL NOS. MARKS & NUMBERS	QUANTITY (FOR CUSTOMS DECLARATION ONLY)	H M	DESCRIPTION OF GOODS	GROSS WEIGHT	MEASUREMENT
NSIBLE FOR SUCH CUSTOMS PENALTY AND INDEMNIFY THE CARRIE AND ITS AGENTS AGAINST ANY CONSEQ UENCES WHATSOEVER IN RELATION TO SUCH AMENDMENT.					
ALM250237 VER268618 VER268668 VER268670 VER268682 VER268698 VER268728 VER268734					
AGENT AT DESTINATION: ONE OCEAN NETWORK EXPRESS SHIPPING MEXICO, S.A. DE C.V. CIUDAD DE MEXICO PASEO DE LA REFORMA 180, PISO 19, COLONIA JUAREZ, DEL. CUAUHTEMOC, CIUDAD DE MEXICO, C.P. 06600 TEL: 5547808200					

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

, as agent for and on behalf of



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

Manifest

Page: 1

Container-No.: TCLU6508743 40' HIGH CUBE CONTAINER Seal-No.: WWA030044992
 Vessel: SAC9221 / SANTA VIOLA
 ETS:
 Master-B/L.: ONEYHAMD64937800

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER268618	EVONIK OPERATIONS GMBH 3009613716 REWOCOROS AL 200 46341713 MADE IN %COUNTYOFORIGI VERACRUZ MEXICO	1	PALLET	= WITH 4 DRUMS REWOCOROS AL 200 HS-CODE: 340239 UN 3265/CLASS 8/PG II IMO GROSS WEIGHT: 834,400 KGS IMO NET WEIGHT : 800,000 KGS	834.400	1.430
VER268668	NMERO DE PEDIDO EVONIK,,,:3009648 NOURYBOND 316 180 KG TAMBOR DE ACERO 1A2 NOMBRE PRODUCTO,,,: NOURYBOND 316 180 KG TAMBOR DE ACERO 1A2 PAS DE ORIGEN,,,:ALEM SU NMERO DE PEDIDO,,,:463398	5	PALLETS	NOURYBOND 316 DRUM 180KG HS-CODE: 390890 UN 3082/CLASS 9/PG III IMO GROSS WEIGHT: 3980,000 KGS IMO NET WEIGHT : 3600,000 KGS	4080.000	7.187
VER268670	CONSTRUMAC SAPI DE CV PORT OF VERACRUZ MEXICO 1/11 - 11/11	11	PALLETS	SPARE PARTS FOR WIRTGEN ROAD MILLING MACHINES HS CODES : 84799070, 84314300, 84314980, 27101983, 84791000, 34039900, 40101200, 40103300, 27101987, 73269098, 39269097, 87084099	4519.000	13.715

Manifest

Page: 2

Container-No.: TCLU6508743 40' HIGH CUBE CONTAINER Seal-No.: WWA030044992
 Vessel: SAC9221 / SANTA VIOLA
 ETS:
 Master-B/L.: ONEYHAMD64937800

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
VER268682	EISSMANN MEXICO INV: 116.786 EISSMANN MEXICO DN: 00099071 EISSMANN MEXICO INV. V896582 EISSMANN AUTOMOTIVE QUERETARO, S. DE R.L. DE C.V. INV 211186 EISSMANN MEXICO DN 656793 EISSMANN MEXICO DN: 00099328 EISSMANN MEXICO INV 63508 EISSMANN AUTOMOTIVE MEXICO INV 3757905, 3757904, 3757928 EISSMANN AUTOMOTIVE	14	PACKAGES	18 PK 234,000 ON 1 PALLET S/PROTECCION K HS CODE: 392690 1 PX 99,000 PROP FOR GLOVEBOX HS CODE: 392630 **HSCODE: 392630** 2 PX 425,200 AUTOMOTIVE PARTS HS-CODE: 391990 1 PK 306,000 SPRING W/RUBBER SL. HS-CODE: 732020 3 PK 363,300 AUTOMOTIVE PARTS HS-CODE: 392690 1 PX 99,000 PROP FOR GLOVEBOX HS CODE: 392630 **HSCODE: 392630** 1 PX 130,000 METAL GRID HS-CODE: 852990 3 PK 338,000 LINEAR DAMPER HS-CODE: 392690 1 PK 62,000 LINEAR DAMPER	2056.500	12.749

Manifest

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Container-No.: TCLU6508743 40' HIGH CUBE CONTAINER Seal-No.: WWA030044992
 Vessel: SAC9221 / SANTA VIOLA
 ETS:
 Master-B/L.: ONEYHAMD64937800

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
	MEXICO INV 3757905, 3757904, 3757928			HS-CODE: 392690		
VER268698	?????????????????	12	PACKAGES	BUILDING MATERIAL ALU PROFILES HS: 76042100, 39169010, 76042990, 39169090, 39259080, 39162000, 72224050, 40169300, 83024900, 40082900, 76109090, 39269097, 73181410, 73181562, 83024150, 39259010, 76161000, 40161000, 73181535, 73269098, 35069190, 39211900, 79070000, 83024110, 83016000, 83014011, 83022000, 63049300,	4099.923	15.217
VER268728	TUNKERS MEXICO 318093,0891	4	PACKAGES	MACHINERY PARTS HS-CODE: 392690, 401693, 731815, 731821, 731822, 731829, 761090 , 847990, 848240, 848250, 848299, 848330, 848390 , 853710	3024.000	4.163
VER268734	82392491-1, 82392491-2 OPERA DEL ESTE ASIATICO SA CV 82392491-1, 82392491-2 OPERA DEL ESTE ASIATICO SA CV	2	PALLETS	1 PALLET 528,000 HS: 850151 WARENBESCHREIBUN 1 PALLET 142,000 HS: 850151 WARENBESCHREIBUN ?????	670.000	1.306

Total	Quantity	Grossweight	Measurement
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Manifest

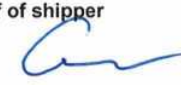
Page: 4

Container-No.: TCLU6508743 40' HIGH CUBE CONTAINER Seal-No.: WWA030044992
Vessel: SAC9221 / SANTA VIOLA
ETS:
Master-B/L.: ONEYHAMD64937800

BL-Ref	Marks & Nos	Qty	Packing	Description of goods	Kos	Cbm
		49			19.283.823	55.767

TRANSPORT DOCUMENT FOR DANGEROUS GOODS (IMO-DANGEROUS GOODS DECLARATION)

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

Shipper (Name & Address) Evonik Operations GmbH Werk Steinau Max Wolf Strasse 7 36396 STEINAU AN DER STRASSE GERMANY 		Reference number(s) 4005793819	
Consignee LESCHACO MEXICANA S.A. DE C. V. PASEO DE LA NIÑA 150 TORRE 1519 PISO 12-01 94298 FRACC. LAS AMERICAS, BOCA DEL RIO, VER		Carrier	
CONTAINER PACKING CERTIFICATE / VEHICLE DECLARATION DECLARATION ☐ not applicable 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. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Vehicle-No. Seal-No. Name/status, company/organization of signatory Place and date Steinau an der Strasse, Jul 20, 2023 Signature on behalf of packer (Reserved for text, instructions or other matter)	
Ship's name and voyage no. Port of loading			
Port of discharge			
Goods delivered as: ☐ Breakbulk cargo ☐ Unit loads ☐ Bulk packages Type of unit (container, trailer, tank, vehicle, etc.) ☐ Open ☐ Closed		Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)	
Goods:			
Item: 000001 Delivery: 3009613716 IMDG (Sea): UN 3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (fatty alcohol polyethoxi phosphoric acid ester), 8, II, flashpoint: 150 °C c.c., MARINE POLLUTANT, EmS-no.: F-A, EmS-no.: S-B Stowage category A - Clear of living quarters - Seg.Grp.: IMDG SEGREGATION GROUP 1 - ACIDS 4 Plastic Drum:Polyethylene:1H1: Gross: 834.4 KG Net: 800 KG			
ADDITIONAL INFORMATION EMERGENCY CONTACT (24-HOUR-NUMBER): +49 2365 49 2232 Evonik Operations GmbH			
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/status, company/organization of signatory Shipping Manager JESSE ESCHKE Evonik Operations GmbH Werk Steinau Place and date Steinau an der Strasse, Jul 20, 2023 /JE Signature on behalf of shipper 	

SAFETY DATA SHEET

1. Identification

Product identifier: REWOCOROS AL 200

Chemical name: Ethoxylated fatty alcohol phosphoric acid ester

Other means of identification

Recommended use: Industrial use

Recommended restrictions: None known.

Manufacturer/Importer/Distributor Information

Company Name : Evonik Operations GmbH
Rellinghauser Str. 1-11
45128 Essen
Germany

Telephone : +49 201 173 01

Fax : +49 201 173 3000

E-mail : productsafety-cs@evonik.com

Emergency telephone number:

24-Hour Health : +49 2365 49 2232
Emergency : +49 2365 49 4423 (Fax)

2. Hazard(s) identification

Classification according to GHS

Health Hazards

Acute toxicity (Oral)	Category 5
Skin Corrosion/Irritation	Category 1B
Serious Eye Damage/Eye Irritation	Category 1

Environmental Hazards

Acute hazards to the aquatic environment	Category 1
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Label Elements

Hazard Symbol:



Signal Word: Danger

Hazard Statement: May be harmful if swallowed.
Causes severe skin burns and eye damage.
Very toxic to aquatic life.

Precautionary Statements

Prevention: Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/ physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse. Specific treatment (see supplemental first aid instructions on this label). IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Collect spillage.

Storage: Store locked up.

Disposal: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards: None known.

3. Composition/information on ingredients

Chemical name:
Ethoxylated fatty alcohol phosphoric acid ester

Substances

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-, mono-C12-14-alkyl ethers, phosphates	No data available.	68511-37-5	>60%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of necessary first-aid measures

General information:	Remove soiled or soaked clothing immediately
Inhalation:	fresh air supply, consult a doctor if feeling unwell.
Skin Contact:	In case of contact with skin wash off immediately with plenty of water Immediate medical treatment necessary, as untreated burns can result in slow-healing wounds
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
Ingestion:	drink large quantities of water, do not induce vomiting; consult a physician - show this data sheet.
Personal Protection for First-aid Responders:	No data available.

Most important symptoms and effects, both acute and delayed

Symptoms: The following symptoms may occur: - gastrointestinal complaints

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: When swallowed, stomach should be pumped out under addition of Dimeticon (anti-foam agent).

5. Fire-fighting measures

General Fire Hazards: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media: High volume water jet.

Special hazards arising from the substance or mixture: In the event of fire the following can be released: - carbon dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No specific precautions.

Special protective equipment for fire-fighters: Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus and wear protective suit

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. High risk of slipping due to leakage/spillage of product

Methods and material for containment and cleaning up: Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

Environmental Precautions: Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation): No data available.

Safe handling advice: Provide good ventilation of working area (local exhaust ventilation if necessary). Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.

Contact avoidance measures: No data available.

Storage

Safe storage conditions: Keep container tightly closed in a cool, well-ventilated place. Do not store together with alkalis (lyes).

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Observe national threshold limit values.

Biological Limit Values

Observe national threshold limit values.

Appropriate Engineering Controls

No data available.

Individual protection measures, such as personal protective equipment
General information:

No data available.

Eye/face protection:

goggles

Skin Protection
Hand Protection:

Additional Information: PVC gloves

Other:

protective clothing

Respiratory Protection:

in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

Hygiene measures:

 Wash hands before breaks and immediately after handling the product.
 When using do not eat, drink or smoke. Remove soiled or soaked clothing immediately.

9. Physical and chemical properties
Information on basic physical and chemical properties
Appearance
Physical state:

liquid

Form:

liquid

Color:

Yellow

Odor:

Characteristic

Odor Threshold:

not measured

Freezing point:

Approximate 59 °F/15 °C

Boiling Point:

not measured

Flammability:

not measured

Upper/lower limit on flammability or explosive limits
Explosive limit - upper:

not measured

Explosive limit - lower:

not measured

Flash Point:

> 302 °F/> 150 °C (DIN EN 22719)

Self Ignition Temperature:

> 572 °F/> 300 °C

Decomposition

not measured

Temperature:
pH:

1 - 3 (100 g/l, 68 °F/20 °C) in Water

Viscosity
Dynamic viscosity:

not measured

Kinematic viscosity:

not measured

Flow Time:

No data available.

Solubility(ies)
Solubility in Water:

(68 °F/20 °C) Dispersible

Solubility (other):

Mineral oil: 200 g/l (68 °F/20 °C)

Partition coefficient (n-octanol/water):	not measured
Vapor pressure:	not measured
Relative density:	not measured
Density:	Approximate 1,01 g/cm ³ (68 °F/20 °C) (DGF-C-IV-2)
Bulk density:	No data available.
Relative vapor density:	not measured

Particle characteristics

Particle Size:	No data available.
Particle Size Distribution:	No data available.
Specific surface area:	No data available.
Surface charge/Zeta potential:	No data available.
Shape:	No data available.
Crystallinity:	No data available.
Surface treatment:	No data available.

Other information

Explosive properties:	not measured
Oxidizing properties:	not oxidizing
Minimum ignition temperature:	not measured
Metal Corrosion:	Not corrosive to metals

10. Stability and reactivity

Reactivity:	see section "Possibility of hazardous reactions".
Chemical Stability:	The product is stable under normal conditions.
Possibility of hazardous reactions:	No hazardous reactions with proper storage and handling
Conditions to avoid:	None with proper storage and handling.
Incompatible Materials:	alkalines
Hazardous Decomposition Products:	None with proper storage and handling.

11. Toxicological information

Information on toxicological effects

Information on likely routes of exposure

Inhalation:	Information on effects are given below.
Skin Contact:	Information on effects are given below.
Eye contact:	Information on effects are given below.

Ingestion: Information on effects are given below.

Acute toxicity (list all possible routes of exposure)

Oral

Product: LD 50 (Rat): > 2.000 mg/kg (OECD 401)

Components:
 Poly(oxy-1,2-ethanediyl), LD 50 (Rat): > 2.000 mg/kg
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

Dermal

Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl), No data due to skin-corrosive action
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

Inhalation

Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl), Vapour, No data due to skin-corrosive action Dusts, mists and fumes, No
 a-hydro-w-hydroxy-, data due to skin-corrosive action
 mono-C12-14-alkyl
 ethers, phosphates

Repeated dose toxicity

Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl), No data available.
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

Skin Corrosion/Irritation

Corrosive.

Product: OECD 404 (Rabbit): Corrosive.;

Components:
 Poly(oxy-1,2-ethanediyl), Corrosive. , > 3,01 min - < 1 h
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

Serious Eye Damage/Eye Irritation

Risk of serious damage to eyes.

Product: OECD 405 (Rabbit): Risk of serious damage to eyes.;

Components:

Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

Risk of serious damage to eyes.

Respiratory or Skin Sensitization

Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

No data available.

Carcinogenicity

Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

No data available.

Germ Cell Mutagenicity

No data available.

In vitro

Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

No data available.

In vivo

Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

No data available.

Reproductive toxicity

Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

No data available.

Aspiration Hazard

Product: Not classified

Components:

Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

Not classified

Information on health hazards

Other hazards

Product: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: LC 50 (Leuciscus idus, 96 h): 5,7 mg/l

Components:

Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-, mono-C12-14-alkyl ethers, phosphates

LC 50 (Leuciscus idus (Golden orfe), 96 h): 5,7 mg/l

Aquatic Invertebrates

Product: EC 50 (Daphnia magna, 48 h): 0,33 mg/l

Components:

Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-, mono-C12-14-alkyl ethers, phosphates

EC 50 (Daphnia magna, 48 h): 0,33 mg/l

Toxicity to Aquatic Plants

Product: No data available.

Components:

Poly(oxy-1,2-ethanediyl),
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

No data available.

Toxicity to microorganisms
Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates No data available.

Chronic hazards to the aquatic environment:
Fish
Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-, mono-C12-14-alkyl
 ethers, phosphates No data available.

Aquatic Invertebrates
Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-, mono-C12-14-alkyl
 ethers, phosphates No data available.

Toxicity to Aquatic Plants
Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-, mono-C12-14-alkyl
 ethers, phosphates No data available.

Toxicity to microorganisms
Product: No data available.

Components:
 Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-, mono-C12-14-alkyl
 ethers, phosphates No data available.

Persistence and Degradability
Biodegradation
Product: 73 % (28 d, OECD 301 E) The product is easily biodegradable.
 > 60 % (28 d, OECD 301 B) The product is easily biodegradable.

Components:
 Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-, mono-C12-14-alkyl
 ethers, phosphates 73 % (28 d, OECD 301 E) The product is easily biodegradable.

BOD/COD Ratio
Product: No data available.

Components:

Poly(oxy-1,2-ethanediyl), No data available.
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

Bioaccumulative potential**Bioconcentration Factor (BCF)**

Product: No data available.

Components:

Poly(oxy-1,2-ethanediyl), No data available.
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: not measured

Components:

Poly(oxy-1,2-ethanediyl), No data available.
 a-hydro-w-hydroxy-,
 mono-C12-14-alkyl
 ethers, phosphates

Mobility in soil:

Product No data available.

Components:

Poly(oxy-1,2-ethanediyl), a- No data available.
 hydro-w-hydroxy-, mono-
 C12-14-alkyl ethers,
 phosphates

Results of PBT and vPvB assessment:

Product No data available.

Components:

Poly(oxy-1,2-ethanediyl), a- No data available.
 hydro-w-hydroxy-, mono-
 C12-14-alkyl ethers,
 phosphates

Other adverse effects:**Other hazards**

Product: Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

Disposal methods: In accordance with local authority regulations, take to special waste incineration plant

Contaminated Packaging: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. Transport information

International Regulations

IATA-DGR

UN/ID No.	: UN 3265
Proper shipping name	: Corrosive liquid, acidic, organic, n.o.s. (fatty alcohol polyethoxi phosphoric acid ester)
Class	: 8
Packing group	: II
Labels	: 8
Packing instruction (cargo aircraft)	: 855
Packing instruction (passenger aircraft)	: 851
Environmentally hazardous	: yes

IMDG-Code

UN number or ID number	: UN 3265
Proper shipping name	: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (fatty alcohol polyethoxi phosphoric acid ester)
Class	: 8
Packing group	: II
Labels	: 8
EmS Code	: F-A, S-B
Marine pollutant	: yes
Remarks	: Stowage category A - Clear of living quarters - Seg.Grp.: Acid

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

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

15. Regulatory information

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

Issue Date: 31.01.2022

Version #: 1.3

Further Information: No data available.

Revision Information: Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Disclaimer:

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

as agent of carrier SACO SHIPPING LINE LIMITED

TRANSPORT DOCUMENT FOR DANGEROUS GOODS (IMO-DANGEROUS GOODS DECLARATION)

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

Shipper (Name & Address) Evonik Operations GmbH Goldschmidtstr. 100 45127 ESSEN GERMANY  EVONIK Leading Beyond Chemistry		Reference number(s) 4005798072	
Consignee LESCHACO MEXICANA S.A. DE C. V. PASEO DE LA NIÑA 150 TORRE 1519 PISO 12-01 94298 FRACC. LAS AMERICAS, BOCA DEL RIO, VER		Carrier	
CONTAINER PACKING CERTIFICATE / VEHICLE DECLARATION DECLARATION ☐ not applicable 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. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Vehicle-No. Seal-No. Name/status, company/organization of signatory Place and date Essen, 25.07.2023 Signature on behalf of packer	
Ship's name and voyage no. Port of loading		(Reserved for text, instructions or other matter)	
Port of discharge VERACRUZ			
Goods delivered as: ☐ Breakbulk cargo ☐ Unit loads ☐ Bulk packages Type of unit (container, trailer, tank, vehicle, etc.) ☐ Open ☐ Closed		Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)	
Goods:			
Item: 000001 Delivery: 3009648126 IMDG (Sea): UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polyamide), 9, III, flashpoint: 70 °C c.c., MARINE POLLUTANT, EmS-no.: F-A, EmS-no.: S-F FOR USA ONLY: In packagings exceeding 450 L, this product must be classified, placarded, marked and shipped as Combustible Liquid to the USA. FOR USA ONLY: In packagings > 450 L this Product must be classified, placarded, marked and shipped as Combustible Liquid in the USA. 20 Stahlfass:Stahl:1A2: Gross: 3.980 KG Net: 3.600 KG			
ADDITIONAL INFORMATION EMERGENCY CALL: +49 2365 49 2232 Evonik Operations GmbH			
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/status, company/organization of signatory Logistics-Manager BENJAMIN BRENK Evonik Operations GmbH Place and date Essen, 25.07.2023 /BB Signature on behalf of shipper 	

SAFETY DATA SHEET

1. Identification

Product identifier: NOURYBOND 316

Other means of identification

Recommended use: Coupling agent

Recommended restrictions: Not determined.

Manufacturer/Importer/Distributor Information

Company Name : Evonik Corporation
2 Turner Place
Piscataway, NJ 08854
USA

Telephone : +1 732 981 5000

E-mail : product-regulatory-services@evonik.com

Emergency telephone number:

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)
Emergency : 800 681 9531 (CHEMTREC MEXICO)
+1 703 527 3887 (CHEMTREC WORLD)

2. Hazard(s) identification

Classification according to GHS

Physical Hazards

Flammable liquids Category 4

Health Hazards

Skin Corrosion/Irritation Category 2

Serious Eye Damage/Eye Irritation Category 1

Skin sensitizer Category 1

Toxic to reproduction Category 2

Environmental Hazards

Acute hazards to the aquatic environment Category 2

Chronic hazards to the aquatic environment Category 2

Label Elements**Hazard Symbol:****Signal Word:** Danger**Hazard Statement:** Combustible liquid.
Causes skin irritation.
Causes serious eye damage.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.
Toxic to aquatic life with long lasting effects.**Precautionary Statements****Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.**Response:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label). Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. IF exposed or concerned: Get medical advice/attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Collect spillage.**Storage:** Store in a well-ventilated place. Store locked up.**Disposal:** Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.**Other hazards:** No data available.**3. Composition/information on ingredients****Mixtures****General information:** polyamide

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine	No data available.	68082-29-1	50 - <100%
distillates (petroleum), hydrotreated light	No data available.	64742-47-8	10 - <20%
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	No data available.	112-34-5	5 - <10%
Amines, polyethylenepoly-	No data available.	68131-73-7	0,5 - <2,5%
2-Piperazin-1-ylethylamine	No data available.	140-31-8	0,1 - <1%
3,6,9-Triazaundecamethylenediamine	No data available.	112-57-2	0,1 - <1%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General information:

Seek medical advice. If breathing is irregular or stopped, administer artificial respiration.

Inhalation:

Move to fresh air.

Skin Contact:

Wash off immediately with plenty of water for at least 15 minutes. Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Rinse immediately with plenty of water for at least 15 minutes.

Ingestion:

Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration of material into the lungs. Call a physician or poison control center immediately. Prevent aspiration of vomit. Turn victim's head to the side.

Personal Protection for First-aid Responders:

No data available.

Most important symptoms and effects, both acute and delayed

Symptoms:

irritant effects sensitising effects

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Alcohol resistant foam. Carbon Dioxide. Dry chemical. Dry sand. Limestone powder. Water spray, fog or mist.

Unsuitable extinguishing media: No data available.

Special hazards arising from the substance or mixture: Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. In the event of fire, cool tanks with water spray. Downwind personnel must be evacuated. Fire or intense heat may cause violent rupture of packages. May form explosive mixtures in air.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing. Remove sources of ignition. Evacuate personnel to safe areas.

Accidental release measures: If possible, stop flow of product.

Methods and material for containment and cleaning up: Call Emergency Response number for advice. Approach suspected leak areas with caution. Absorb with inert absorbent materials such as: Dry sand. Vermiculite. Activated charcoal. Place in appropriate chemical waste container.

Environmental Precautions: Shut off or remove all ignition sources. Construct a dike to prevent spreading.

7. Handling and storage

Handling

Technical measures: Apply process controls to ensure safe operating conditions.

	Assess potential flammability hazards based on flashpoint and potential ignition sources. Ensure adequate ventilation.
Local/Total ventilation:	No data available.
Safe handling advice:	Wash hands at the end of each workshift and before eating, smoking or using the toilet. Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Avoid contact with eyes. Use personal protective equipment.
Contact avoidance measures:	No data available.
Storage	
Safe storage conditions:	Keep away from open flames, hot surfaces and sources of ignition. Do not store near acids. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Keep in a dry, cool place. Keep away from oxidizers.
Safe packaging materials:	No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Observe national threshold limit values.

Biological Limit Values

Observe national threshold limit values.

Appropriate Engineering Controls

Apply process controls to ensure safe operating conditions. Assess potential flammability hazards based on flashpoint and potential ignition sources. Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

General information:	No data available.
Eye/face protection:	Chemical resistant goggles must be worn.
Hand Protection:	Additional Information: Polyvinyl Alcohol Gloves (PVA), Impervious gloves Additional Information: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Other:	Long sleeve shirts and trousers without cuffs.

Respiratory Protection:	Not required for properly ventilated areas.
Hygiene measures:	Provide readily accessible eye wash stations and safety showers.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	Yellow
Odor:	Characteristic
Odor Threshold:	No data available., Not required by safety or application considerations.
Freezing point:	No data available. Not required by safety or application considerations.
Boiling Point:	175 °C/347 °F 1.013 hPa
Flammability:	No data available.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	see Explosiveness
Explosive limit - lower:	see Explosiveness
Flash Point:	> 70 °C/> 158 °F
Auto-ignition temperature:	No data available.
Decomposition Temperature:	No decomposition in the field of application.
pH:	10 100 %

Viscosity

Dynamic viscosity:	1.720 mPa.s 75 °C/167 °F 67.300 mPa.s 25 °C/77 °F
Kinematic viscosity:	> 20,5 mm ² /s 40 °C/104 °F
Flow Time:	No data available.

Solubility(ies)

Solubility in Water:	Practically Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available. Not required by safety or application considerations.
Vapor pressure:	2 hPa

Relative density:	0,95 - 1,05 similar to water
Density:	No data available.
Bulk density:	No data available.
Relative vapor density:	No data available.
Particle characteristics	
Particle Size:	Not applicable
Particle Size Distribution:	Not applicable
Specific surface area:	No data available.
Surface charge/Zeta potential:	No data available.
Shape:	Not applicable
Crystallinity:	Not applicable
Surface treatment:	Not applicable
Other information	
Explosive properties:	Not explosive
Oxidizing properties:	The substance or mixture is not classified as oxidizing.
Pyrophoric properties:	The substance or mixture is not classified as pyrophoric. The substance or mixture is not classified as self heating.
Evaporation Rate:	No data available. Not required by safety or application considerations.

10. Stability and reactivity

Reactivity:	see section "Possibility of hazardous reactions".
Chemical Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Heat, flames and sparks.
Incompatible Materials:	CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations. Nitrous acid and other nitrosating agents Organic acids (i.e. acetic acid, citric acid etc.). Mineral Acid Sodium hypochlorite. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Oxidizing agents.
Hazardous Decomposition Products:	Nitric acid. Ammonia Nitrogen Oxides Nitrogen oxide can react with water vapors to form corrosive nitric acid. Carbon Monoxide. Carbon Dioxide. Nitrosamine

11. Toxicological information

Information on likely routes of exposure

Inhalation:	Information on effects are given below.
Skin Contact:	Information on effects are given below.
Eye contact:	Information on effects are given below.
Ingestion:	Information on effects are given below.

Acute toxicity (list all possible routes of exposure)

Oral

Product:	No data is available on the product itself. ATEmix, > 5.000 mg/kg
Components:	
Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	LD 50, Rat, Female, Male, > 5.000 mg/kg, OECD 401, (analogy)
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	LD 50, Mouse, Male, 2.410 mg/kg, OECD 401
3,6,9-Triazaundecamethylenedi amine	LD 50, Rat, 1.591,4 mg/kg
	LD 50, Rat, Male, 2.140 mg/kg
	LD 50, Rat, 1.716 mg/kg

Dermal

Product:	No data is available on the product itself. ATEmix, > 5.000 mg/kg
Components:	
Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	Not toxic after single exposure, No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	LD 50, Rabbit, Female, Male, > 3.106 mg/kg, OECD 402, (analogy)
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	LD 50, Rabbit, Male, 2.764 mg/kg, OECD 402
	LD 50, Rabbit, 1.465,4 mg/kg, OECD 402
	LD 50, Rabbit, Male, 866 mg/kg, Literature

3,6,9-
 Triazaundecamethylenedi
 amine

LD 50, Rabbit, 1.260 mg/kg

Inhalation

Product:

No data is available on the product itself.
 Not classified for acute toxicity based on available data.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	Not toxic after single exposure, No data available., Vapour Not toxic after single exposure, No data available., Dust and mist
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	LC 50, Rat, Female, Male, 4 h, > 5,26 mg/l, OECD 403, GLP, Dust and mist, (analogy) Not toxic after single exposure, No data available., Vapour Vapour, Not toxic after single exposure, No data available. Dust and mist, Not toxic after single exposure, No data available.
Amines, polyethylenepoly-	Not toxic after single exposure, Not applicable, Vapour Not toxic after single exposure, No data due to skin-corrosive action, Dust and mist
2-Piperazin-1-ylethylamine	Not toxic after single exposure, No data due to skin-corrosive action, Vapour Not toxic after single exposure, No data due to skin-corrosive action, Dust and mist
3,6,9-Triazaundecamethylenedi amine	Vapour, Not toxic after single exposure, No data due to skin-corrosive action Dust and mist, Not toxic after single exposure, No data due to skin-corrosive action

Repeated dose toxicity

Product:

No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	No data available.
Amines, polyethylenepoly-	No data available.
2-Piperazin-1-ylethylamine	No data available.
3,6,9-Triazaundecamethylenedi amine	No data available.

Skin Corrosion/Irritation

Product:

Severe skin irritation.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	Irritating., This information is derived from evaluation of or a test result for a similar compound (conclusion based on analogy).
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	Not irritating, OECD 404, Rabbit
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	Slightly irritating., OECD 404, Rabbit
3,6,9-Triazaundecamethylenedi amine	Corrosive.
	Corrosive., Rabbit, > 3,01 min - < 1 h, Literature
	Corrosive., OECD 404, Rabbit, > 3,01 min - < 1 h

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	Risk of serious damage to eyes., This information is derived from evaluation of or a test result for a similar compound (conclusion based on analogy).
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	Not irritating, OECD 405, Rabbit
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	Irritating., OECD 405, Rabbit
3,6,9-Triazaundecamethylenedi amine	Risk of serious damage to eyes.
	Risk of serious damage to eyes., Rabbit, Literature
	Risk of serious damage to eyes., Rabbit

Respiratory or Skin Sensitization

Product: No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	Strong skin sensitizer., This information is derived from evaluation of or a test result for a similar compound (conclusion based on analogy).
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	Maximization Test, OECD 406, Guinea Pig, Not a skin sensitizer., (analogy)
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	Maximization Test, OECD 406, Guinea Pig, Not a skin sensitizer.
	May cause sensitization by skin contact.
	Maximization Test, OECD 406, Guinea Pig, Skin sensitizer, Literature

3,6,9-Triazaundecamethylenediamine OECD 406, Guinea Pig, May cause sensitization by skin contact.

Carcinogenicity

Product: No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	No data available.
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	No data available.
3,6,9-Triazaundecamethylenediamine	Not classified

Germ Cell Mutagenicity

No data is available on the product itself.

In vitro

Product: No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	Bacterial reverse mutation assay, OECD 471: , negative
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	No data available.
3,6,9-Triazaundecamethylenediamine	No data available.

In vivo

Product: No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine	No data available.
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distillates (petroleum), hydrotreated light	Micronucleus test, OECD 474, Oral, Mouse, Female, Male, negative, (analogy)
--	--

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	No data available.
--	--------------------

Amines, polyethylenepoly-	No data available.
------------------------------	--------------------

2-Piperazin-1- ylethylamine	No data available.
--------------------------------	--------------------

3,6,9-Triazaundecamethylenedi amine	No data available.
--	--------------------

Reproductive toxicity

Product:	No data is available on the product itself.
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Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-	No data available.
--	--------------------

oil fatty acids and triethylenetetramine	
---	--

distillates (petroleum), hydrotreated light	No data available.
--	--------------------

2-(2-butoxyethoxy)ethanol; diethylene glycol	No data available.
---	--------------------

monobutyl ether Amines, polyethylenepoly-	No data available.
---	--------------------

2-Piperazin-1- ylethylamine	Suspected of damaging fertility or the unborn child.
--------------------------------	--

3,6,9-Triazaundecamethylenedi amine	Not classified
--	----------------

Specific Target Organ Toxicity - Single Exposure

Product:	No data available.
-----------------	--------------------

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-	No data available.
--	--------------------

oil fatty acids and triethylenetetramine	
---	--

distillates (petroleum), hydrotreated light	No data available.
--	--------------------

2-(2-butoxyethoxy)ethanol; diethylene glycol	No data available.
---	--------------------

monobutyl ether Amines, polyethylenepoly-	No data available.
---	--------------------

2-Piperazin-1- ylethylamine	No data available.
--------------------------------	--------------------

3,6,9-
 Triazaundecamethylenedi
 amine

Not classified

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	No data available.
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	No data available.
	Inhalation - vapor, Upper respiratory tract, Category 1 Causes damage to organs through prolonged or repeated exposure., Literature

3,6,9-
 Triazaundecamethylenedi
 amine

Not classified

Aspiration Hazard

Product: No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	Not classified
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	May be fatal if swallowed and enters airways.
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	Not classified
3,6,9-Triazaundecamethylenedi amine	Not classified

Information on health hazards

Other hazards

Product: No toxicological tests have been conducted with the product itself.;

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product:

No data is available on the product itself.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	LC 50, Zebra Fish, 96 h, 7,07 mg/l, This information is derived from evaluation of or a test result for a similar compound (conclusion based on analogy).
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	LL 50, <i>Scophthalmus maximus</i> , 96 h, > 1.028 mg/l, WAF
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	LC 50, <i>Leuciscus idus</i> , 48 h, > 100 mg/l LC 50, Bluegill Sunfish, 96 h, 1.300 mg/l OECD 203, The details of the toxic effect relate to the nominal concentration.
3,6,9-Triazaundecamethylene diamine	No data available. NOEC, <i>Pimephales promelas</i> , 96 h, 1.030 mg/l, Literature LC 50, <i>Pimephales promelas</i> , 96 h, 2.190 mg/l, Literature LC 50, <i>Poecilia reticulata</i> , 96 h, 420 mg/l

Aquatic Invertebrates

Product:

No data is available on the product itself.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	EC 50, <i>Daphnia magna</i> ; <i>Daphnia</i> sp., 48 h, 7,07 mg/l, This information is derived from evaluation of or a test result for a similar compound (conclusion based on analogy).
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	LL 50, <i>Acartia tonsa</i> , 48 h, > 3.193 mg/l ISO 14669, WAF
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	NOEC, <i>Daphnia magna</i> , 48 h, 100 mg/l OECD 202 EC 50, <i>Daphnia magna</i> , 48 h, > 100 mg/l OECD 202
3,6,9-Triazaundecamethylene diamine	No data available. NOEC, <i>Daphnia magna</i> , 48 h, 10 mg/l OECD 202, Literature EC 50, <i>Daphnia magna</i> , 48 h, 58 mg/l OECD 202, Literature EC 50, <i>Daphnia magna</i> , 48 h, 24,1 mg/l

Toxicity to Aquatic Plants

Product:

No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with	EC 50 (Algae (<i>Pseudokirchneriella subcapitata</i>), 72 h): 4,34 mg/l This information is derived from evaluation of or a test result for a similar
---	---

tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	compound (conclusion based on analogy).
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	No data available.
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	EC 50 (Desmodemus subspicatus (Scenedesmus subspicatus), 96 h): > 100 mg/l (OECD 201)
3,6,9-Triazaundecamethylenedi amine	EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): 1.101 mg/l (OECD 201)
	No data available.
	EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): > 1.000 mg/l (OECD 201) Literature
	EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): 6,8 mg/l (OECD 201)

Toxicity to microorganisms

Product:	No data available.
Components:	
Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	EC 50, activated sludge, 3 h, > 100 mg/l, OECD 209
Amines, polyethylenepoly-2-Piperazin-1-ylethylamine	EC 10, activated sludge, 0,5 h, > 1.995 mg/l, OECD 209, The details of the toxic effect relate to the nominal concentration.
3,6,9-Triazaundecamethylenedi amine	No data available.
	No data available.
	EC 50, Bacteria, 3 h, 511 mg/l, DIN ISO 9509
	No data available.

Chronic hazards to the aquatic environment:

Fish

Product:	No data available.
Components:	
Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	NOELR, Oncorhynchus mykiss, 28 d, > 1.000 mg/l, QSAR, (analogy)
Amines,	No data available.
	No data available.

polyethylenepoly-
2-Piperazin-1-
ylethylamine
3,6,9-
Triazaundecamethylene
diamine

No data available.

No data available.

Aquatic Invertebrates

Product: No data available.

Components:

Fatty acids, C18-
unsatd., dimers,
polymers with tall-oil
fatty acids and
triethylenetetramine
distillates (petroleum),
hydrotreated light

EL50, Daphnia magna, 21 d, > 5 mg/l, OECD 202, (analogy) WAF

2-(2-
butoxyethoxy)ethanol;
diethylene glycol
monobutyl ether

No data available.

Amines,
polyethylenepoly-
2-Piperazin-1-
ylethylamine

No data available.

3,6,9-
Triazaundecamethylene
diamine

No data available.

No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

Fatty acids, C18-unsatd.,
dimers, polymers with
tall-oil fatty acids and
triethylenetetramine
distillates (petroleum),
hydrotreated light

No data available.

2-(2-
butoxyethoxy)ethanol;
diethylene glycol
monobutyl ether

NOEC (Desmodesmus subspicatus (Scenedesmus subspicatus), 96 h):
100 mg/l (OECD 201)

Amines,
polyethylenepoly-
2-Piperazin-1-
ylethylamine

No data available.

3,6,9-
Triazaundecamethylenedi
amine

No data available.

NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): 0,5 mg/l (OECD
201)

Toxicity to microorganisms

Product: No data available.

Components:

Fatty acids, C18-unsatd.,
dimers, polymers with
tall-oil fatty acids and

No data available.

triethylenetetramine distillates (petroleum), hydrotreated light	EC 50, activated sludge, 3 h, > 100 mg/l, OECD 209
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	EC 10, activated sludge, 0,5 h, > 1.995 mg/l, OECD 209, The details of the toxic effect relate to the nominal concentration.
Amines, polyethylenepoly-	No data available.
2-Piperazin-1- ylethylamine	EC 50, Bacteria, 3 h, 511 mg/l, DIN ISO 9509
3,6,9-Triazaundecamethylenedi amine	No data available.

Persistence and Degradability

Biodegradation

Product:	No data available.
Components:	
Fatty acids, C18-unsatd., dimers, polymers with tall- oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	74 %, 28 d, OECD 306, The product is easily biodegradable., aerobic
Amines, polyethylenepoly-	85 %, 28 d, OECD 301 C, The product is easily biodegradable., aerobic
2-Piperazin-1- ylethylamine	No data available.
3,6,9-Triazaundecamethylenedi amine	0 %, 28 d, OECD 301 F, The product is not biodegradable., aerobic
	17 %, 162 d, OECD 301 D, The product is not biodegradable.

BOD/COD Ratio

Product:	No data available.
Components:	
Fatty acids, C18-unsatd., dimers, polymers with tall- oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	No data available.
Amines, polyethylenepoly-	No data available.

2-Piperazin-1-ylethylamine	No data available.
3,6,9-Triazaundecamethylenediamine	No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	No data available.
Amines, polyethylenepoly-	No data available.
2-Piperazin-1-ylethylamine	No data available.
3,6,9-Triazaundecamethylenediamine	No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available. Not required by safety or application considerations.

Components:

Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine distillates (petroleum), hydrotreated light	No data available.
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	No data available.
Amines, polyethylenepoly-	No data available.
2-Piperazin-1-ylethylamine	-1,48, 20 °C, Nominal / Measured, Literature
3,6,9-Triazaundecamethylenediamine	No data available.

Mobility in soil:

Product No data available.

Components:

Fatty acids, C18-unsatd., No data available.
 dimers, polymers with tall-oil
 fatty acids and
 triethylenetetramine
 distillates (petroleum), No data available.
 hydrotreated light
 2-(2-butoxyethoxy)ethanol; No data available.
 diethylene glycol monobutyl
 ether
 Amines, polyethylenepoly- No data available.
 2-Piperazin-1-ylethylamine No data available.
 3,6,9- No data available.
 Triazaundecamethylenediam
 ine

Other adverse effects:

Other hazards

Product: Do not allow to enter soil, waterways or waste water canal. No tests were performed with this mixture.

13. Disposal considerations

Disposal methods: Contact supplier if guidance is required.
Contaminated Packaging: Dispose of container and unused contents in accordance with federal, state, and local requirements.

14. Transport information

International Regulations

IATA-DGR

UN/ID No.	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (Polyamide)
Class	:	9
Packing group	:	III
Labels	:	9MI
Packing instruction (cargo aircraft)	:	964
Packing instruction (passenger aircraft)	:	964
Environmentally hazardous	:	yes
Remarks	:	FOR USA ONLY: In packagings exceeding 450 L, this product must be classified, placarded, marked and shipped as Combustible Liquid to the USA. FOR USA ONLY: In packagings > 450 L this Product must be classified, placarded, marked and shipped as Combustible Liquid in the USA.

IMDG-Code

UN number or ID number : UN 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S.
 (Polyamide)
 Class : 9
 Packing group : III
 Labels : 9
 EmS Code : F-A, S-F
 Marine pollutant : yes
 Remarks : FOR USA ONLY: In packagings exceeding 450 L, this product
 must be classified, placarded, marked and shipped as
 Combustible Liquid to the USA.
 FOR USA ONLY: In packagings > 450 L this Product must be
 classified, placarded, marked and shipped as Combustible
 Liquid in the USA.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

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

15. Regulatory information
International regulations
Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

Inventory Status:

Australia Industrial Chem. Act (AIC):	On or in compliance with the inventory	
Canada DSL Inventory List:	On or in compliance with the inventory	
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	
Japan (ENCS) List:	On or in compliance with the inventory	
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	
Philippines PICCS:	On or in compliance with the inventory	
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Pre-registration is requested for specific

		importer.
US TSCA Inventory:	On or in compliance with the inventory	Commercial Status: Active
Switzerland New Subs Notified/Registered:	On or in compliance with the inventory	
EINECS, ELINCS or NLP:	On or in compliance with the inventory	EU-REACH compliant for Evonik Operations GmbH and its affiliates as EU manufacturer/EU importer.

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

Issue Date: 06.04.2021

Version #: 2.2

Abbreviations and acronyms:

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials;
 bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act;
 CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for
 Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx -
 Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate
 associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical
 Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency
 Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS -
 Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA -
 International Air Transport Association; IBC - International Code for the Construction and Equipment of
 Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO -
 International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China;
 IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL -
 Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -
 Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 -
 Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the
 Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise
 Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect
 Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading
 Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD -
 Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and
 Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines
 Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship;
 RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the
 European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and
 Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition
 Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI -
 Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic
 Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations
 Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very
 Bioaccumulative

Further Information: 9. PHYSICAL AND CHEMICAL PROPERTIES Viscosity

Revision Information: Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Disclaimer:

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Shipper
EVONIK OPERATIONS GMBH
GOLDSCHMIDTSTRASSE 100
45127 ESSEN
GERMANY
VAT# DE114138241

B/L No.
VER268668

FMC Organization No. 025875



SACO SHIPPING LINE LTD

Consigned to order of
LESCHACO MEXICANA SA DE CV.
BLVD. MANUEL AVILA CAMACHO
NO. 88 PISO 5, COL. LOMAS DE
CHAPULTEPEC CP.11000,
CIUDAD DE MEXICO, MEXICO
RFC: LME980116R15

Notify Party and address
SAME AS CONSIGNEE

CONTACT: ELIZABETH LUNA
E-MAIL:ELIZABETH.LUNA@LESCHACO.COM*

General Agent
SACO Shipping GmbH
Wollkaemmereistrasse 1
21107 Hamburg - Germany

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

3/08/BRE/526202

Copy

		Place of receipt BREMEN CFS			
Ocean vessel SANTA VIOLA		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.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg.	Measurement, m³
NMERO DE PEDIDO	5	PALLETS	NOURYBOND 316 DRUM	4080,000	7,187
EVONIK,,;,300964812			180KG		
NOURYBOND 316 180 KG			HS-CODE: 390890		
TAMBOR DE ACERO 1A2					
NOMBRE		UN 3082/CLASS 9/PG III			
PRODUCTO,,,,,,,,		IMO GROSS WEIGHT: 3980,000 KGS			
NOURYBOND 316 180 KG		IMO NET WEIGHT : 3600,000 KGS			
TAMBOR DE ACERO 1A2					
PAS DE					
ORIGEN,,,,,,,,ALEMA					
SU NMERO DE					
PEDIDO.....4633980					

STOWED INTO CONTAINER NO.: TCLU6508743

SEAL : WWA030044992

TOTAL **5 PALLETS** **4080,000 KGS** **7,187 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 18.08.2023

Signed for the Carrier



SACO Shipping GmbH

as agent of carrier SACO SHIPPING LINE LIMITED

Shipper
WIRTGEN GMBH
REINHARD-WIRTGEN-STR. 2
53578 WINDHAGEN
VAT: DE 812 999 435

B/L No.
VER268670

FMC Organization No. 025875



General Agent
SACO Shipping GmbH
Wollkaemmereistrasse 1
21107 Hamburg - Germany

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

Consigned to order of
CONSTRUMAC SAPI DE CV
SAN JOSE DE LOS LEONES NO. 11
COL. SAN FRANCISCO CUAUTLALPAN
53569 NAUCALPAN, EDO DE MEXICO,
MEXICO VAT: CON-760730-1T3

Notify Party and address
SAME AS CONSIGNEE
PH+52-5553281741
MRS. CITLALI HERNANDEZ
CHERNANDEZ@CONSTRUMAC.COM

Copy

	Place of receipt				
	BREMEN CFS				
Ocean vessel	Port of loading				
LE HAVRE EXPRESS	HAMBURG				
Port of discharge	Place of delivery	Freight payable	Number of original Bills of Lading		
VERACRUZ	VERACRUZ CFS	BREMEN	3/THREE		
Marks and Nos.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg.	Measurement, m³
CONSTRUMAC SAPI DE CV PORT OF VERACRUZ MEXICO 1/11 - 11/11	11 PALLETS	SPARE PARTS FOR WIRTGEN ROAD MILLING MACHINES HS CODES : 84799070, 84314300, 84314980, 27101983, 84791000, 34039900, 40101200, 40103300, 27101987, 73269098, 39269097, 87084099		4519,000	14,000

STOWED INTO CONTAINER NO.:

SEAL :

TOTAL **11 PALLETS** **4519,000 KGS** **14,000 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

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 11.08.2023

Signed for the Carrier



SACO Shipping GmbH

as agent of carrier SACO SHIPPING LINE LIMITED

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

Note:

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

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

B/L No.
VER268682

FMC Organization No. 025875



General Agent
SACO Shipping GmbH
Wollkaemmereistrasse 1
21107 Hamburg - Germany

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

3/08/BRE/526204

Copy

Consigned to order of
NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L
DE C.V.
CALZADA ZA VALETA 1306-A, INT. 132
COLONIA SANTA CRUZ BUENAVISTA
PUEBLA PUE 72150 MEXICO
RFC+NNG201012KD4

Notify Party and address
SAME AS CONSIGNEE

+522225036510
SEA@NGL-MEXICO.COM

		Place of receipt BREMEN CFS		
Ocean vessel SANTA VIOLA	Port of loading HAMBURG, GERMANY			
Port of discharge VERACRUZ, MEXICO	Place of delivery VERACRUZ CFS	Freight payable BREMEN	Number of original Bills of Lading 0/ZERO	
Marks and Nos.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg. Measurement, m ³
CARGO DETAILS AS PER ATTACHED STATEMENT				

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

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

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

Note:

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

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Place and date of issue
BREMEN 18.08.2023

Signed for the Carrier



SACO Shipping GmbH

as agent of carrier SACO SHIPPING LINE LIMITED

Marks and Nos.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg.	Measurement, m ³
EISSMANN MEXICO INV: 116.786	14 PACKAGES	18 PK 234,000 ON 1 PALLET S/PROTECCION K HS CODE: 392690		2056,500	12,749
EISSMANN MEXICO DN: 00099071		1 PX 99,000 PROP FOR GLOVEBOX HS CODE: 392630 **HSCODE: 392630**			
EISSMANN MEXICO INV. V896582		2 PX 425,200 AUTOMOTIVE PARTS HS-CODE: 391990			
EISSMANN AUTOMOTIVE QUERETARO, S. DE R.L. DE C.V. INV 211186		1 PK 306,000 SPRING W/RUBBER SL. HS-CODE: 732020			
EISSMANN MEXICO DN 656793		3 PK 363,300 AUTOMOTIVE PARTS HS-CODE: 392690			
EISSMANN MEXICO DN: 00099328		1 PX 99,000 PROP FOR GLOVEBOX HS CODE: 392630 **HSCODE: 392630**			
EISSMANN MEXICO INV 63508		1 PX 130,000 METAL GRID HS-CODE: 852990			
EISSMANN AUTOMOTIVE MEXICO INV 3757905, 3757904, 3757928		3 PK 338,000 LINEAR DAMPER HS-CODE: 392690			
EISSMANN AUTOMOTIVE MEXICO INV 3757905, 3757904, 3757928 STOWED INTO CONTAINER NO.: TCLU6508743		1 PK 62,000 LINEAR DAMPER HS-CODE: 392690			
				SEAL : WWA030044992	
TOTAL	14 PACKAGES			2056,500 KGS	12,749 CBM

Shipper
SCHUECO INTERNATIONAL KG
KAROLINENSTRASSE 1-15
33609 BIELEFELD
GERMANY
TAX ID: DE124001363

Consigned to order of
DISENO Y FABRICACION DE CERRAMIENTO
FOR CARLOS SOTELO
DE RL DE CV-ACCESO II NO 1 A
BODEGA 2 ZONA INDUSTRIAL BENITO
JUAREZ CP 76130-QRO SANTIAGO DE +
+QUERETARO / TAX ID: DFC160818RL9

Notify Party and address
SCHUECO USA L.L.L.P.
240 PANE ROAD
U S A - NEWINGTON , CT 06111
TAX ID:06-1500589-T:860-616-0190
SLARA@SCHUCO-USA.COM

B/L No.
VER268698

FMC Organization No. 025875



General Agent
SACO Shipping GmbH
Wollkaemmerei-strasse 1
21107 Hamburg - Germany

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

3/08/BRE/526205

Copy

		Place of receipt		
		BREMEN CFS		
Ocean vessel			Port of loading	
SANTA VIOLA			HAMBURG	
Port of discharge	Place of delivery	Freight payable	Number of original Bills of Lading	
VERACRUZ	VERACRUZ CFS	BREMEN	0/ZERO	
Marks and Nos.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg. Measurement, m ³
CARGO DETAILS AS PER ATTACHED STATEMENT				

FREIGHT PREPAID - SHIPPED ON BOARD - EXPRESS RELEASE

All particulars above declared by Merchant

For delivery of cargo please apply to:

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

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

Note:

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

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

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- undertakes to perform or to procure the performance of the entire transport from the place at which the Goods are taken in charge to the place designated for delivery in this document, and
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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 18.08.2023

Signed for the Carrier



SACO Shipping GmbH

as agent of carrier SACO SHIPPING LINE LIMITED

Marks and Nos.	Quantity of Goods		Description of Goods	Said to contain	Gross weight, kg.	Measurement, m ³
???????????????? ???????????????? ????????????	12	PACKAGES	BUILDING MATERIAL ALU PROFILES HS: 76042100, 39169010, 76042990, 39169090, 39259080, 39162000, 72224050, 40169300, 83024900, 40082900, 76109090, 39269097, 73181410, 73181562, 83024150, 39259010, 76161000, 40161000, 73181535, 73269098, 35069190, 39211900, 79070000, 83024110, 83016000, 83014011, 83022000, 63049300,		4099,923	15,217
STOWED INTO CONTAINER NO.: TCLU6508743					SEAL : WWA030044992	
TOTAL		12 PACKAGES			4099,923 KGS	15,217 CBM

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

B/L No.
VER268728

FMC Organization No. 025875



General Agent
SACO Shipping GmbH
Wollkaemmereistrasse 1
21107 Hamburg - Germany

ALL COSTS, CHARGES,
LIABILITIES AND DELAYS
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WOODEN PACKAGING OR FROM
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3/08/BRE/5262

Copy

Consigned to order of
NGL NAVIGATOR GLOBAL LOGISTICS S. DE R.L
DE C.V.
CALZADA ZA VALETA 1306-A, INT. 132
COLONIA SANTA CRUZ BUENAVISTA
PUEBLA PUE 72150 MEXICO
RFC+NNG201012KD4

Notify Party and address
SAME AS CONSIGNEE

+522225036510
SEA@NGL-MEXICO.COM

		Place of receipt BREMEN CFS	
Ocean vessel SANTA VIOLA		Port of loading HAMBURG, GERMANY	
Port of discharge VERACRUZ, MEXICO	Place of delivery VERACRUZ CFS		Freight payable BREMEN
		Number of original Bills of Lading 0/ZERO	
Marks and Nos. TUNKERS MEXICO 318093,0891	Quantity of Goods 4 PACKAGES	Description of Goods MACHINERY PARTS HS-CODE: 392690, 401693, 731815, 731821, 731822, 731829, 761090 , 847990, 848240, 848250, 848299, 848330, 848390 , 853710	Said to contain Gross weight, kg. 3024,000 Measurement, m ³ 4,163

STOWED INTO CONTAINER NO.: TCLU6508743

SEAL : WWA030044992

TOTAL **4 PACKAGES** **3024,000 KGS** **4,163 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:

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Place and date of issue
BREMEN 18.08.2023

Signed for the Carrier



SACO Shipping GmbH

as agent of carrier SACO SHIPPING LINE LIMITED

Shipper
BAUER GEAR MOTOR GMBH
EBERHARD-BAUER-STRASSE 37
73734 ESSLINGEN
GERMANY

B/L No.
VER268734

FMC Organization No. 025875



General Agent
SACO Shipping GmbH
Wollkaemmereistrasse 1
21107 Hamburg - Germany

ALL COSTS, CHARGES,
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3/08/BRE/526207

Copy

Consigned to order of
OPERADORA DEL ESTE ASIATICO SA CV
C/O GRUPO LOGISTICO EN MATERIA
NTE 192 681 INT 8 COL PENSADOR MEXI
15510 MEXICO CITY
MEXICO

Notify Party and address
-SAME AS CONSIGNEE
TAX ID: OEA040819FF1
LIC. ROSA ISELA ALVARO
ISELA.ALVARO@ABUNALMEIDA.COM
TEL. +229 934 2393

Place of receipt
BREMEN CFS

Ocean vessel
SANTA VIOLA

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.	Quantity of Goods	Description of Goods	Said to contain	Gross weight, kg.	Measurement, m ³
82392491-1, 82392491-2 OPERA DEL ESTE ASIATICO SA CV	2 PALLETS	1 PALLET 528,000 HS: 850151 WARENBESCHREIBUNG???		670,000	1,306

82392491-1,
82392491-2
OPERA DEL ESTE
ASIATICO SA CV
STOWED INTO CONTAINER NO.: TCLU6508743

1 PALLET 142,000
HS: 850151
WARENBESCHREIBUNG ?????

SEAL : WWA030044992

TOTAL **2 PALLETS** **670,000 KGS** **1,306 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:

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BREMEN 18.08.2023

Signed for the Carrier



SACO Shipping GmbH

as agent of carrier SACO SHIPPING LINE LIMITED