

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 17/02/2025 Revision date: 02/09/2024 Supersedes version of: 20/10/2023 Version: 2.2

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

1.1. Product identifier

Product name Product code

: COPPER PASTE : BDS001991BU

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

Relevant identified uses

Main use category Use of the substance/mixture : Professional use : lubricants

1.3. Details of the supplier of the safety data sheet

Supplier

CRC Industries Europe B.V. Touwslagerstraat 1 9240 Zele Belgium T +32(0)52/45.60.11, F +32(0)52/45.00.34 hse@crcind.com, www.crcind.com

1.4. Emergency telephone number

Emergency number

: +32(0)52/45.60.11 Office hours: 9-17h CET

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

EUH-statements

: EUH210 - Safety data sheet available on request.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Granulated copper substance with national workplace exposure limit(s) (BE); substance with a Community workplace exposure limit	CAS-No.: 7440-50-8 EC-No.: 231-159-6 EC Index-No.: 029-024-00-X REACH-no: 01-2119480154- 42	1 – 10	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
zinc powder— zinc dust (stabilised)	CAS-No.: 7440-66-6 EC-No.: 231-175-3 EC Index-No.: 030-001-01-9 REACH-no: 01-2119467174- 37	1 – 5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Disodium sebacate	CAS-No.: 17265-14-4 EC-No.: 241-300-3 REACH-no: 01-2120762063- 61	1 – 5	Eye Irrit. 2, H319

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If signs/symptoms develop, get medical attention.
First-aid measures after skin contact	: Wash skin with plenty of water. Seek medical attention if irritation develops.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Seek medical attention if irritation develops.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media Unsuitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.Do not use a heavy water stream.		
5.2. Special hazards arising from the substance or mixture			
Hazardous decomposition products in case of fire	: During fire, gases hazardous to health may be formed.		
5.3. Advice for firefighters			
Firefighting instructions Protection during firefighting	 Move containers from fire area if it can be done without personal risk. Use standard firefighting procedures and consider the hazards of other involved materials. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. 		

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	
Protective equipment	: Wear appropriate protective equipment and clothing during clean-up.
Emergency procedures	: Ventilate spillage area.
For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. Following product recovery, flush area with water. Take up small spills with dry chemical absorbent. Clean surface thoroughly to remove residual contamination.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections		

For disposal of contaminated materials refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	 Wear personal protective equipment. Ensure good ventilation of the work station. Avoid prolonged exposure. Handle in accordance with good industrial hygiene and safety procedures. 	
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.	
7.2. Conditions for safe storage, in	ncluding any incompatibilities	
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container closed when not in use.	

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occu	pational ex	posure and	biological	limit values
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Granulated copper (7440-50-8)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Copper	
IOEL TWA	0,01 mg/m ³ (respirable fraction)	
Remark	(Year of adoption 2014)	
Regulatory reference	SCOEL Recommendations	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Granulated copper (7440-50-8)		
Belgium - Occupational Exposure Limits		
Local name	Cuivre (en Cu) # Koper (als Cu)	
OEL TWA	0,2 mg/m³ (fumées) # (rook) 1 mg/m³ (poussières et brouillards de) # (stof en nevel)	
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023	

DNEL and PNEC

zine nowdor- zine dust (stabilized) (7440.66.6)			
zinc powder— zinc dust (stabilised) (7440-66-6)			
PNEC (Water)			
PNEC aqua (freshwater)	14,4 μg/l		
PNEC aqua (marine water)	7,2 μg/l		
PNEC (Sediment)			
PNEC sediment (freshwater)	146,9 mg/kg dwt		
PNEC sediment (marine water)	162,2 mg/kg dwt		
PNEC (Soil)			
PNEC soil	83,1 mg/kg dwt		
PNEC (STP)			
PNEC sewage treatment plant	100 µg/l		
Disodium sebacate (17265-14-4)			
DNEL/DMEL (Workers)			
Long-term - systemic effects, dermal	10 mg/kg bodyweight/day		
Long-term - systemic effects, inhalation	35,26 mg/m³		
DNEL/DMEL (General population)			
Long-term - systemic effects,oral	5 mg/kg bodyweight/day		
Long-term - systemic effects, inhalation	8,7 mg/m³		
Long-term - systemic effects, dermal	5 mg/kg bodyweight/day		
PNEC (Water)			
PNEC aqua (freshwater)	0,018 mg/l		
PNEC aqua (marine water)	0,0018 mg/l		
PNEC aqua (intermittent, freshwater)	0,18 mg/l		
PNEC aqua (intermittent, marine water)	0,18 mg/l		
PNEC (Sediment)			
PNEC sediment (freshwater)	0,548 mg/kg dwt		
PNEC sediment (marine water)	0,0548 mg/kg dwt		
PNEC (Soil)			
PNEC soil	0,0988 mg/kg dwt		
PNEC (STP)			
PNEC sewage treatment plant	10 mg/l		

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Granulated copper (7440-50-8)			
DNEL/DMEL (Workers)			
Acute - systemic effects, dermal	273 mg/kg bodyweight/day		
Acute - local effects, inhalation	1 mg/m³		
Long-term - systemic effects, dermal	137 mg/kg bodyweight/day		
Long-term - local effects, inhalation	1 mg/m³		
DNEL/DMEL (General population)			
Acute - systemic effects, dermal	273 mg/kg bodyweight/day		
Acute - local effects, inhalation	1 mg/m ³		
Long-term - systemic effects,oral	0,041 mg/kg bodyweight/day		
Long-term - systemic effects, dermal	137 mg/kg bodyweight/day		
Long-term - local effects, inhalation	1 mg/m³		
PNEC (Water)			
PNEC aqua (freshwater)	7,8 μg/l		
PNEC aqua (marine water)	5,2 μg/l		
PNEC (Sediment)			
PNEC sediment (freshwater)	87 mg/kg dwt		
PNEC sediment (marine water)	676 mg/kg dwt		
PNEC (Soil)			
PNEC soil	65 mg/kg dwt		
PNEC (STP)			
PNEC sewage treatment plant	230 µg/l		

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal protection equipment

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Use eye protection according to EN 166. Safety glasses with side shields.

Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

For incidental contact with the product wear chemical-resistant gloves (standard EN 374). The use of disposable gloves is acceptable provided that they are changed immediately after a splash or spill. Nitrile gloves are recommended.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions

Thermal hazards

Thermal hazard protection:

Not expected to present a significant hazard under anticipated conditions of normal use. Wear appropriate thermal protective clothing, when necessary.

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: copper.
Appearance	: Paste.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: > 280 °C
Freezing point	: Not available
Boiling point	: > 250 °C
Flammability	: Non flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 250 °C
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: Not available
рН	: Not applicable
Viscosity, kinematic	: Not available
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not applicable
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 0,99 g/cm³ at 20 °C
Relative density	: 0,99 at 20 °C
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

Other safety characteristics

VOC content

: 0 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Avoid temperatures exceeding the flash point.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

	defined in Regulation (EC) No 1272/2008
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)
zinc powder— zinc dust (stabilised) (74	140-66-6)
LD50 oral rat	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 5,41 mg/l/4h
Disodium sebacate (17265-14-4)	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight
Granulated copper (7440-50-8)	
LD50 oral rat	500 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 5,11 mg/l/4h
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met). pH: Not applicable
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

11.2. Information on other hazards

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 12: Ecological information

cology-general : The product is not considered harmful to aquatic organisms not to cause long-term adverse effects in the environment. tazardous to the aquatic environment, short-term : Not classified (Based on available data, the classification criteria are not met): cology-general : Not classified (Based on available data, the classification criteria are not met): cology-general : Not classified (Based on available data, the classification criteria are not met): cology-general : Not ong/l Barbus fasciolatus cology-general > 100 mg/l Barbus fasciolatus cology-general > 100 mg/l Daphnia magna cology-chastea (17265-14-4) > 100 mg/l Daphnia magna cology - Chastacea (1] > 100 mg/l Daphnia magna cology - Chastacea (1] 0.193 mg/l cology - Chastacea (1] 0.193 mg/l cology - Chastacea (1] 0.1-1 mg/l Daphnia magna (Water flea) cology - Chastacea (1] 0.1-1 mg/l cology - Chastacea (1] 0.1-1 mg/l cology - Chastacea (1] 0.1-1 mg/l cology - Chastacea and degradability Not established. No data is available on the degradability of this product. Cology - Chastacea and degradability Not applicable Cology - Chastacea (1) 0	SECTION 12. Ecological mormation	
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sardia) sardia bis the aquatic environment, long-term is bis classified (Based on available data, the classification criteria are not met). COPPER PASTE LCSO - Fish [1] > 100 mg/l Barbus fasciolatus ECSO - Crustacea [1] > 100 mg/l Daphnia magna ECSO - Crustacea [1] > 100 mg/l Daphnia ECSO - ECSO - ECSO - ECSO - ECSO - E	Ecology - general	
shronic) > 100 mg/l Barbus fasciolatus CCOPPER PASTE > 100 mg/l Barbus fasciolatus EC60 - Fish [1] > 100 mg/l Daphnia magna EC60 - Fish [1] > 100 mg/l Daphnia magna Disodium sebacate (17265-14-4) > 100 mg/l Danio rerio EC60 - Fish [1] > 100 mg/l Daphnia magna CG0 - Fish [1] > 100 mg/l Daphnia magna Granulated copper (7440-50-8) - LC60 - Fish [1] 0, 193 mg/l CC60 - Fish [1] 0, 11 mg/l NOEC chronic fish 0, 12 mg/l NOEC chronic fish 0, 12 mg/l NOEC chronic fish 0, 14 mg/l NOEC chronic fish 0, 14 mg/l Stablascetture Stablashed. No data is available on the degradability of this product. EZ2. Persistence and degradability Not asplicable Stablascetture Stablashed. No data is available on the degradability of this product. EZ3. Bioaccumulative potential Stablashed. No data is av	Hazardous to the aquatic environment, short-term : (acute)	Not classified (Based on available data, the classification criteria are not met)
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C500 - Crustacea [1] > 100 mg/l Daphnia magna C505 - Crustacea [1] > 100 mg/l Danio rerio Discolium sebacate (17265-14-4) > LC50 - Fish [1] > 100 mg/l Danio rerio EC50 - Crustacea [1] > 100 mg/l Danio rerio EC50 - Crustacea [1] > 100 mg/l Daphnia magna Granulated copper (7440-50-8) . LC50 - Fish [1] 0.193 mg/l EC50 - Crustacea [1] 0.1 - 1 mg/l Daphnia magna (Water flea) EC50 72h - Algae [1] 0.1 - 1 mg/l NOEC chronic fish 0.188 mg/l NOEC chronic fish 0.188 mg/l NOEC chronic rustacea 0.1 - 1 mg/l COPPER PASTE . Parsistence and degradability Not established. No data is available on the degradability of this product. L2.3. Bioaccumulative potential . COPPER PASTE . Partition coefficient n-octanol/water (Log Kow) Not applicable ctinc powder—zinc dust (stabilised) (7440-66-67) . Partition coefficient n-octanol/water (Log Pow) -0,47 Granulated copper (7440-50-8) . Partition coefficient n-octanol/water (L	COPPER PASTE	
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Disodium sebacate (17265-14-4) > 100 mg/l Danio rerio LC50 - Fish [1] > 100 mg/l Daphnia magna Granulated copper (7440-50-8) . LC50 - Fish [1] 0.193 mg/l DC50 - Crustacea [1] 0.193 mg/l DC50 - Crustacea [1] 0.1-1 mg/l Daphnia magna (Water filea) DC50 - Crustacea [1] 0.1-1 mg/l DC50 - Crustacea [1] 0.1-1 mg/l NDEC chronic fish 0.1-1 mg/l R22. Persistence and degradability 0.1-1 mg/l COPPER PASTE Not established. No data is available on the degradability of this product. R23. Bioaccumulative potential Not established. No data is available on the degradability of this product. COPPER PASTE Vot established. No data is available on the degradability of this product. Partition coefficient n-octanol/water (Log Now) Not applicable Partition coefficient n-octanol/water (Log Pow) 0.47 Partition coefficient n-octanol/water (Log Pow) 0.57 Partition coefficient n-octanol/water (Log Pow) 0.57 <td>EC50 - Crustacea [1]</td> <td>> 100 mg/l Daphnia magna</td>	EC50 - Crustacea [1]	> 100 mg/l Daphnia magna
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NOEC chronic crustacea 0,1 - 1 mg/l I2.2. Persistence and degradability Intervention of the second seco	EC50 72h - Algae [1]	0,1 – 1 mg/l
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Image: Addition of the second seco	COPPER PASTE	
COPPER PASTE Not applicable Partition coefficient n-octanol/water (Log Kow) Not applicable zinc powder— zinc dust (stabilised) (7440-66- - Partition coefficient n-octanol/water (Log Pow) -0,47 Granulated copper (7440-50-8) - Partition coefficient n-octanol/water (Log Pow) -0,57 Iteration coefficient n-octanol/water (Log Pow) -0,57	Persistence and degradability	Not established. No data is available on the degradability of this product.
Partition coefficient n-octanol/water (Log Kow) Not applicable zinc powder—zinc dust (stabilised) (7440-66-6) Partition coefficient n-octanol/water (Log Pow) -0,47 Granulated copper (7440-50-8) Partition coefficient n-octanol/water (Log Pow) -0,57 Interview -0,57	12.3. Bioaccumulative potential	
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Partition coefficient n-octanol/water (Log Pow) -0,47 Granulated copper (7440-50-8) Partition coefficient n-octanol/water (Log Pow) -0,57 I.2.4. Mobility in soil	Partition coefficient n-octanol/water (Log Kow)	Not applicable
Granulated copper (7440-50-8) Partition coefficient n-octanol/water (Log Pow) -0,57 12.4. Mobility in soil	zinc powder— zinc dust (stabilised) (7440-66	5-6)
Partition coefficient n-octanol/water (Log Pow) -0,57	Partition coefficient n-octanol/water (Log Pow)	-0,47
12.4. Mobility in soil	Granulated copper (7440-50-8)	
	Partition coefficient n-octanol/water (Log Pow)	-0,57
lo additional information available	12.4. Mobility in soil	
	No additional information available	
2.5. Results of PBT and vPvB assessment	12.5. Results of PBT and vPvB assessment	

COPPER PASTE

Results of PBT assessment	Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH
	Annex XIII

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12.6. Endocrine disrupting properties	
Adverse effects on the environment caused by endocrine disrupting properties	: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.
12.7. Other adverse effects	
COPPER PASTE	

Other information

No other effects known

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods European List of Waste (LoW, EC 2000/532)	 Dispose of contents/container in accordance with licensed collector's sorting instructions. According to the European Waste Catalogue (EWC), Waste Codes are not product specific, but application specific Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

n accordance with ADR / IMD	G / IATA / ADN / RID			
ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID number				
Not regulated for transport				
14.2. UN proper shipping	g name			
Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.3. Transport hazard c	lass(es)			
Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.4. Packing group				
Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.5. Environmental haza	ards			
Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
No supplementary information	n available			

14.6. Special precautions for user

Overland transport Not regulated.

Transport by sea Not regulated.

Air transport Not regulated.

Inland waterway transport Not regulated.

Rail transport Not regulated.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

VOC Directive (2004/42)

VOC content

: 0 g/l

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:	
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
ΙΑΤΑ	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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