

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: 03070 Issue date: 26.09.2023 Revision date: 26.09.2023 Supersedes version of: 24.05.2016 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Product form Trade name EC-No. CAS-No. Product code Formula Chemical structure	: Substance : CUPRIC CARBONATE BASIC EXTRA PURE : 235-113-6 : 12069-69-1 : 03070 : Cu2CO3(OH)2 : $O$ $HO^{-Cu}O^{-Cu}OH$	
Synonyms	: Dicopper carbonate dihydroxide, Basic copper carbonate, Copper carbonate hydroxide, Ccupric carbonate, Copper carbonate, Greenium	
1.2. Relevant identified uses of the substa	ance or mixture and uses advised against	
<b>1.2.1. Relevant identified uses</b> Industrial/Professional use spec	: Industrial For professional use only	
Use of the substance/mixture <b>1.2.2. Uses advised against</b> No additional information available	: Laboratory chemicals	
1.3. Details of the supplier of the safety data sheet		
LOBA CHEMIE PVT.LTD. 107 Wode House Road, Jehangir Villa, Colaba 400005 Mumbai INDIA T +91 22 6663 6663 - F +91 22 6663 6699 info@lobachemie.com - www.lobachemie.com		
1.4. Emergency telephone number		
Emergency number	: + 91 22 6663 6663 (9:00am - 6:00 pm)	
SECTION 2: Hazards identification		

# 2.1. Classification of the substance or mixtureClassification according to Regulation (EC) No. 1272/2008 [CLP]Acute toxicity (oral), Category 4H302Acute toxicity (inhal.), Category 4H332Serious eye damage/eye irritation, Category 2H319Hazardous to the aquatic environment – Acute Hazard,H400Category 1Hazardous to the aquatic environment – Chronic Hazard,H410Category 1Hazardous to the aquatic environment – Chronic Hazard,H410

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

#### Adverse physicochemical, human health and environmental effects

Harmful if inhaled. Harmful if swallowed. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.

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# 2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP) GHS07 GHS09 Signal word (CLP) : Warning Hazard statements (CLP) : H302+H332 - Harmful if swallowed or if inhaled. H319 - Causes serious eye irritation. H410 - Very toxic to aquatic life with long lasting effects. Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P273 - Avoid release to the environment. P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Nordic countries regulation Denmark MAL code : 00-3 (Executive Order No. 301 (1993))

## 2.3. Other hazards

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

SECTION 3: Composition/information on ingredients			
3.1. Substances			
Substance type Name CAS-No. EC-No.	: Mono-constituent : CUPRIC CARBONATE BAS : 12069-69-1 : 235-113-6	SIC	
Name	Product identifier	%	
CUPRIC CARBONATE BASIC	CAS-No.: 12069-69-1 EC-No.: 235-113-6	100	
2.2 Mixtures	· · · · · · · · · · · · · · · · · · ·		

## 3.2. Mixtures

Not applicable

# **SECTION 4: First aid measures**

4.1. Description of first aid measures	
First-aid measures general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash with plenty of water/ Wash contaminated clothing before reuse. Get medical advice/attention. Wash skin with plenty of water.
First-aid measures after eye contact	<ul> <li>Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. If eye irritation persists: Get medical advice/attention.</li> </ul>
First-aid measures after ingestion	: Rinse mouth. Call a POISON CENTER/doctor if you feel unwell. Call a poison center or a doctor if you feel unwell.

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4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/effects after inhalation	: May cause respiratory irritation.	
Symptoms/effects after skin contact	: Causes skin irritation.	
Symptoms/effects after eye contact	: Causes serious eye irritation. Eye irritation.	
Symptoms/effects after ingestion	: Harmful if swallowed.	

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

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	<ul><li>Carbon dioxide. Dry powder. Foam. Water spray.</li><li>Do not use a heavy water stream.</li></ul>
5.2. Special hazards arising from the subs	tance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipr	nent and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for containment a	and cleaning up	
For containment Methods for cleaning up Other information	<ul> <li>Collect spillage.</li> <li>Mechanically recover the product. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers.</li> <li>Dispose of materials or solid residues at an authorized site.</li> </ul>	
6.4. Reference to other sections	·	

For further information refer to section 13.

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	<ul> <li>Avoid contact with skin and eyes. Use only outdoors or in a well-ventilated area. Do not breathe vapours. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.</li> </ul>	

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Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	: Keep container tightly closed. Store in a well-ventilated place. Keep cool.	
7.3. Specific end use(s)		

No additional information available

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

#### No additional information available

8.1.2. Recommended monitoring procedures

## No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

## 8.2.2. Personal protection equipment

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

**Eye protection:** Chemical goggles or safety glasses

## 8.2.2.2. Skin protection

Skin and body protection: Wear a mask

Hand protection: Protective gloves

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

Wear appropriate mask. [In case of inadequate ventilation] wear respiratory protection.

#### 8.2.2.4. Thermal hazards

No additional information available

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#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

# SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical state	: Solid	
Colour	: Green.	
Appearance	: Powder.	
Molecular mass	: 221,1 g/mol	
Odour	: Odourless.	
Odour threshold	: Not available	
Melting point	: 200 °C	
Freezing point	: Not applicable	
Boiling point	: 290 °C (decompose	es)
Flammability	: Non flammable.	
Lower explosion limit	: Not applicable	
Upper explosion limit	: Not applicable	
Flash point	: Not applicable	
Auto-ignition temperature	: Not applicable	
Decomposition temperature	: Not available	
рН	: 8 – 9 at 20°C	
pH solution concentration	: 5 %	
Viscosity, kinematic	: Not applicable	
Solubility	: Water: Insoluble in	water
Partition coefficient n-octanol/water (Log Kow)	: Not available	
Vapour pressure	: Not available	
Vapour pressure at 50 °C	: Not available	
Density	: 4 g/cm <sup>3</sup>	
Relative density	: Not available	
Relative vapour density at 20 °C	: Not applicable	
Particle size	: Not available	

### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

# 9.2.2. Other safety characteristics

No additional information available

## 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.

10.4. Conditions to avoid

Air contact. Direct sunlight. Moisture.

10.5. Incompatible materials

No additional information available

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# **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological informat	tion
11.1. Information on hazard classes as o	defined in Regulation (EC) No 1272/2008
Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Harmful if inhaled.
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	pH: 8 – 9 at 20°C : Causes serious eye irritation. pH: 8 – 9 at 20°C
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
CUPRIC CARBONATE BASIC EXTRA PURE (12069-69-1)	
Viscosity, kinematic	Not applicable
11.2. Information on other hazards	
11.2.1. Endocrine disrupting properties	
No additional information available	
11.2.2. Other information	
Potential adverse human health effects and	: Harmful if swallowed.

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general Hazardous to the aquatic environment, short_term	: Very toxic to aquatic life with long lasting effects.

(acute) Hazardous to the aquatic environment, short–term Hazardous to the aquatic environment, long–term (chronic)	: Very toxic to aquatic life with long lasting effects.
12.2. Persistence and degradability	

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

symptoms

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

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12.6. Endocrine disrupting properties		
No additional information available		
12.7. Other adverse effects		
No additional information available		
SECTION 13: Disposal considerations		
13.1 Waste treatment methods		

Waste treatment methods	:
Product/Packaging disposal recommendations	:

Dispose of contents/container in accordance with licensed collector's sorting instructions.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

# **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR)	: UN 3077
UN-No. (IMDG)	: UN 3077
UN-No. (IATA)	: UN 3077
UN-No. (ADN)	: UN 3077
UN-No. (RID)	: UN 3077

# 14.2. UN proper shipping name

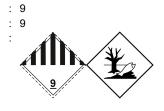
Proper Shipping Name (ADR)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (IATA)	: Environmentally hazardous substance, solid, n.o.s.
Proper Shipping Name (ADN)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Transport document description (ADR)	: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CUPRIC CARBONATE BASIC), 9, III. (-)
Transport document description (IMDG)	<ul> <li>UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CUPRIC CARBONATE BASIC), 9, III, MARINE POLLUTANT</li> </ul>
Transport document description (IATA)	: UN 3077 Environmentally hazardous substance, solid, n.o.s. (CUPRIC CARBONATE BASIC), 9, III
Transport document description (ADN)	: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III
Transport document description (RID)	: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III
14.3. Transport hazard class(es)	

#### ADR

Transport hazard class(es) (ADR) Danger labels (ADR)

IMDG

Transport hazard class(es) (IMDG) Danger labels (IMDG)





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IATA Transport hazard class(es) (IATA) Danger labels (IATA)	9 9
ADN Transport hazard class(es) (ADN) Danger labels (ADN)	
<b>RID</b> Transport hazard class(es) (RID) Danger labels (RID)	
14.4. Packing group	
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	: III : III : III : III : III
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant Other information	<ul> <li>Yes</li> <li>Yes</li> <li>No supplementary information available</li> </ul>
14.6. Special precautions for user	
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container instructions (ADR) Portable tank and bulk container special provisions (ADR)	<ul> <li>M7</li> <li>274, 335, 375, 601</li> <li>5kg</li> <li>E1</li> <li>P002, IBC08, LP02, R001</li> <li>PP12, B3</li> <li>MP10</li> <li>T1, BK1, BK2, BK3</li> <li>TP33</li> </ul>
Tank code (ADR) Vehicle for tank carriage Transport category (ADR) Special provisions for carriage - Packages (ADR) Special provisions for carriage - Bulk (ADR) Special provisions for carriage - Loading, unloading	: SGAV, LGBV : AT : 3 : V13 : VC1, VC2 : CV13
and handling (ADR) Hazard identification number (Kemler No.)	: 90

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Turnel realicion code (ADR) : : . EAC code : : 2Z Transport by sea Special provisions (MDG) : : 274, 335, 966, 967, 969 Limited quantilitis (MDG) : : E Skg Excepted quantilitis (MDG) : : E P022 Special provisions (MDG) : : E P022 BC packing instructions (MDG) : : E P022 BC special provisions (MDG) : : BC038 BC special provisions (MDG) : : E P123 BC special provisions (MDG) : : E P124 BC special provisions (MDG) : : E P124 BC special provisions (MDG) : : E P125 BC special provisions (MDG) : : E P125 EmrS-No. (File) : : F-A EmrS-No. (File) : : F-A EmrS-No. (File) : : : F-A Stowage category (MDG) : : : SV23 At transport PCA Limited quantilities (IATA) : : : : : : : : : : : : : : : : : : :	Orange plates	<u>90</u> 3077
Transport by seaSpecial provisions (MDG)::274, 335, 966, 967, 969Limited quantities (MDG):E1Peaking instructions (MDG)::PP2, P002Special packing provisions (MDG)::PP12IBC packing provisions (MDG)::PP12IBC packing provisions (MDG)::PP12IBC packing provisions (MDG):::IT ank special provisions (MTA):::IT and special provisions (MTA):::IT and special provisions (MTA) <td:< td="">::IT and special provisions (MTA)<td:< td="">::IT and special provisions (MTA)<td:< td="">::IT and s</td:<></td:<></td:<>	Tunnel restriction code (ADR)	
Special provisions (MDG)::	EAC code	: 2Z
Limited quantities (IMDG) : 5 kg Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : E02, P002 Special provisions (IMDG) : BC08 IBC special provisions (IMDG) : BS Tark instructions (IMDG) : BS BT = 50, (Fire) : E4, BK2, BK3, T1 Tark special provisions (IMDG) : F733 EmS-No. (Fire) : F-A EmS-No. (Spillage) : S-F Stowage and handling (IMDG) : SW23 Air transport PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : SW23 Air transport PCA packing instructions (IATA) : 956 PCA maxing quantities (IATA) : 957 PCA maxing quantities (IATA) : 957 PCA maxing quantities (IATA) : 957 PCA maxing quantities (IATA) : 174 Packal provisions (IATA) : 274, 335, 375, 601 Uninted quantities (IADN) : PP, A Number of blue consulf, PCA (IATA) : 174 PCA quantities (IADN) : PP (IA quantities (IADN) : PP (	Transport by sea	
Excepted quantities (MDG): E1Packing instructions (MDG): LP02, P002Special packing provisions (MDG): B1008BC special provisions (MDG): B13Tank special provisions (MDG): B13Tank special provisions (MDG): F743EmS-No, [Fire]: F-AEmS-No, [Sillage]: S-FStowage and handing (MDG): SW23Alt transportPCA Excepted quantities (ATA): Y956PCA imited quantity (ATA): 996PCA acting instructions (MTA): 996PCA packing instructions (ATA): 996PCA immed quantify (ATA): 400 kgCarbon code (ATA): 996Special provisions (ATA): 996Special provisions (ATA): 996PCA max net quantify (ATA): 900 kgCarbon code (ATA): 91Classification code (ADN): ATSpecial provisions (ADN): C14, 335, 375, 601Limited quantities (ADN): C1, 333, 375, 601Limited quantities (ADN): F1Classification code (RID) <td< td=""><td>Special provisions (IMDG)</td><td>: 274, 335, 966, 967, 969</td></td<>	Special provisions (IMDG)	: 274, 335, 966, 967, 969
Packing instructions (IMDG) : LP02, P002 Special packing provisions (IMDG) : PP12 IBC packing instructions (IMDG) : IBC3 IBC special provisions (IMDG) : IBC3 IBC special provisions (IMDG) : IBC3 IBC special provisions (IMDG) : IF33 EmrS-No, (Fire) : F-A EmrS-No, (Fire) : F-A EmrS-No, (Fire) : F-A EmrS-No, (Spillage) : S-F Stowage category (IMDG) : SW23 Air transport PCA Excepted quantities (IATA) : E1 PCA Excepted quantities (IATA) : SF PCA Imited quantities (IATA) : SF PCA Imited quantities (IATA) : SF PCA Imited quantities (IATA) : SF PCA max net quantity (IATA) : 30kgG PCA max net quantity (IATA) : 400kg CAO packing instructions (IATA) : 400kg Special provisions (IATA) : 956 CAO max net quantity (IATA) : 400kg Special provisions (IATA) : 956 CAO max net quantity (IATA) : 400kg Special provisions (IATA) : 956 CAO max net quantity (IATA) : 400kg Special provisions (IATA) : 956 CAO max net quantity (IATA) : 400kg Special provisions (IATA) : 956 CAO max net quantity (IATA) : 400kg Special provisions (IATA) : 956 Imited quantities (ADN) : 177 Special provisions (IATA) : 274, 335, 375, 601 Limited quantities (ADN) : 17 B** Equipment required (ADN) : 17 B** Equipment required (ADN) : 0 Additional requirements/Remarks (ADN) : 0 Additional requirements/Remarks (ADN) : 0 Additional requirements/Remarks (ADN) : 17 Special provisions (RID) : 174, 335, 375, 601 Limited quantities (RID) : 274, 335, 376, 601 Limited quantities (RID) : 17 Special provisions (RID) : 17 Special provisions (RID) : 174, 14, 45, 976, 01 Limited quantities (RID) : 174, 335, 376, 601 Limited quantities (RID) : 174, 345, 376, 601 Limi	Limited quantities (IMDG)	: 5 kg
Special packing provisions (MDG)         : PP12           IBC packing instructions (MDG)         : IBCO8           IBC special provisions (MDG)         : BX1, BK2, BK3, T1           Tark special provisions (MDG)         : PF33           Ems-No, [Fire]         : F-A           Ems-No, [Spilage]         : S-F           Stowage category (MDG)         : A           Stowage and handling (MMG)         : SW23           Air transport         -           PCA Excepted quantiles (IATA)         : E1           PCA Limited quantiles (IATA)         : S966           PCA max net quantity (IATA)         : 9966           PCA max net quantity (IATA)         : 9966           CAO packing instructions (IATA)         : 9966           PCA max net quantity (IATA)         : 400kg           CAO packing instructions (IATA)         : 996           Initiand vaterway transport         -           Classification code (ADN)         : 274, 335, 375, 601           Limited quantities (ADN)         : 274, 335, 375, 601           Limited quantities (ADN)         : 7 B*           Equipment required MADN         : 0 Any ASS, 375, 601           Limited quantities (RDN)         : 0 -           Additional requirementus/Remarks (ADN)         : 0 - <tr< td=""><td>Excepted quantities (IMDG)</td><td>: E1</td></tr<>	Excepted quantities (IMDG)	: E1
IBC packing instructions (IMDG)       : IBC08         IBC special provisions (IMDG)       : BK1, BK2, BK3, T1         Tank instructions (IMDG)       : FR3         Ems-No. (Fire)       : F-A         Ems-No. (Spillage)       : S-F         Stowage and partities (IATA)       : SW23         Ari transport       PCA Excepted quantities (IATA)       : Y956         PCA inited quantities (IATA)       : Y956         PCA max net quantity (IATA)       : 9956         PCA max net quantity (IATA)       : 9956         PCA max net quantity (IATA)       : 9956         CAO packing instructions (IATA)       : 9956         CAO packing instructions (IATA)       : 9060         PCA max net quantity (IATA)       : 400kg         Special provisions (IATA)       : 9056         CAO packing instructions (IATA)       : 9040         Inland waterway transport       : 407, A158, A179, A197, A215         ERG code (IATA)       : 9L         Inland waterway transport       : Classification code (ADN)         Limited quantities (ADN)       : 274, 335, 375, 601         Limited quantities (ADN)       : F B*         Equipment required (ADN)       : F D*         Carriage permitted (ADN)       : Cohy in the molten state. ** For carriage in bulk see als	Packing instructions (IMDG)	: LP02, P002
IBC special provisions (IMDG)::B3Tank instructions (IMDG)::::::Tank special provisions (IMDG)::::::EmS-No. (Fire)::::EmS-No. (Sillage)::::::Stowage and handling (IMDG)::::::PCA Excepted quantities (IATA)::::::PCA Excepted quantities (IATA)::::::PCA Excepted quantities (IATA)::::::PCA Limited quantities (IATA)::::::PCA climited quantities (IATA)::::::PCA climited quantities (IATA)::::::PCA ax net quantity (IATA)::::::PCA ax net quantity (IATA) <td::< td="">::::::PCA ax net quantity (IATA)<td::< td="">::::::PCA ax net quantities (IATA)<td::< td="">::::<td< td=""><td>Special packing provisions (IMDG)</td><td>: PP12</td></td<></td::<></td::<></td::<></td::<></td::<></td::<></td::<></td::<></td::<></td::<></td::<></td::<>	Special packing provisions (IMDG)	: PP12
Tark instructions (IMDG):BK1, BK2, BK3, T1Tank special provisions (IMDG):TP33EmS-No. (Fire):F-AEmS-No. (Spillage):S-FStowage category (IMDG):AStowage and handling (IMDG):SW23Air transport:E1PCA Excepted quantities (IATA):E1PCA limited quantities (IATA):966PCA max net quantity (IATA):30kgGPCA packing instructions (IATA):956PCA max net quantity (IATA):400kgCAO packing instructions (IATA):956PCA max net quantity (IATA):400kgSpecial provisions (IATA):956CA max net quantity (IATA):400kgSpecial provisions (IATA):947Special provisions (IATA):940Special provisions (IATA):941Classification code (ADN):MTSpecial provisions (ADN):274, 335, 375, 601Limited quantities (ADN)::1Carriage permited (ADN)::1Classification code (RID):MTSpecial provisions (RID)::0Additional requirements/Remarks (ADN)::*Classification code (RID)::MTSpecial provisions (RID):::P12, B3Mixed packing provisions (RID):::Packing instructions (RID)	IBC packing instructions (IMDG)	: IBC08
Tark special provisions (MDC): TP33EmS-No. (Firs): F-AEmS-No. (Spillage): S-FStowage actegory (MDC): AStowage act and mandling (MDG): SW23Air transpot:PCA Excepted quantities (MTA): E1PCA Limited quantities (MTA): 956PCA united quantities (MTA): 956PCA packing instructions (MTA): 956PCA packing instructions (MTA): 956PCA packing instructions (MTA): 900kgPCA packing instructions (MTA): 900kgPCA packing instructions (MTA): 900kgSpecial provisions (IATA): 956CAO max net quantity (MAA): 400kgSpecial provisions (ATA): 91Inland waterway transport:Classification code (ADN): MTSpecial provisions (ADN): 274, 335, 375, 601Limited quantities (ADN): E1Caraiga permitted (ADN): T * B*Caraiga permitted (ADN): PP, ANumber of blue consellights (ADN): O only in the motten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case transport in bulk.Rail transport: Z74, 335, 375, 601Limited quantities (RDD): PP, ANumber of blue consellights (ADN): O only in the motten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case transport in bulk.Rail transport: Z74, 335, 375, 601Limited quantities (RDD): Z74, 335, 375, 601Limited quantities (RDD): SkgSpecial provisions (RD): P12, B3 </td <td>IBC special provisions (IMDG)</td> <td>: B3</td>	IBC special provisions (IMDG)	: B3
Ems-No. (Fire):F-AEms-No. (Spillage):S-FStowage category (IMDG):AStowage and handling (IMDG):SW23Air transport::PCA Excepted quantiles (IATA)::PCA Limited quantity (IATA)::9CA packing instructions (IATA)::9CA packing instructions (IATA)::9S6:::PCA max net quantity (IATA)::9S6:::CAO packing instructions (IATA)::9S6:::CAO packing instructions (IATA)::9S6:::CAO packing instructions (IATA) <td:< td="">:9S7:::1mind quantity (IATA)<td:< td="">:9S7:::1mind quantity (IATA)<td:< td="">:9S8:::1mind quantity (IATA)<td:< td="">:9S8:::1mind quantities (ADN)<td:< td="">::1mind quantities (ADN)<td:< td="">::1mind quantities (ADN)<td:< td="">::2mine of the consolight (ADN</td:<></td:<></td:<></td:<></td:<></td:<></td:<></td:<></td:<></td:<></td:<></td:<>	Tank instructions (IMDG)	: BK1, BK2, BK3, T1
Em-Sho: (Spillage):S.F.Stowage category (IMDG):AStowage and handling (IMDG):SW23Air transport	Tank special provisions (IMDG)	: TP33
Stowage category (IMDG)       : A         Stowage and handling (IMDG)       : SW23         Air transport       :         PCA Excepted quantities (IATA)       : E1         PCA united quantities (IATA)       : Y956         PCA max net quantity (IATA)       : 30kgG         PCA packing instructions (IATA)       : 956         PCA max net quantity (IATA)       : 400kg         CAO packing instructions (IATA)       : 956         CA max net quantity (IATA)       : 400kg         Special provisions (IATA)       : 956         CAO max net quantity (IATA)       : 400kg         Special provisions (IATA)       : 940         Inland waterway transport       :         Classification code (ADN)       : M7         Special provisions (ADN)       : D7         Excepted quantities (ADN)       : T B**         Equipment required (ADN)       : PP, A         Number of blue cones/lights (ADN)       : Only in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case transport in bulk.         Classification code (RID)       : M7         Special provisions (RID)       : E1         Classification code (RID)       : M7         Special provisions (RID)       : P002, IBC08, LP02, R001         Special pro	EmS-No. (Fire)	: F-A
Stowage and handling (IMDG)       : SW23         Air transport       PCA Excepted quantities (IATA)       : E1         PCA Limited quantities (IATA)       : Y956         PCA limited quantity max net quantity (IATA)       : 30kgG         PCA packing instructions (IATA)       : 956         PCA packing instructions (IATA)       : 400kg         CAO packing instructions (IATA)       : 956         CAO packing instructions (IATA)       : 400kg         Special provisions (IATA)       : 400kg         Special provisions (IATA)       : 400kg         Cassification code (ADN)       : 9L         Inland waterway transport       :         Classification code (ADN)       : 274, 335, 375, 601         Limited quantities (ADN)       : 5 kg         Excepted quantities (ADN)       : T B**         Equipment required (ADN)       : C1         Carriage permitted (ADN)       : 0 PP, A         Number of blue consol/lights (ADN)       : 0 Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** Only in the case transport in bulk.         Rait transport       : 274, 335, 375, 601         Classification code (RID)       : 1 M7         Special provisions (RID)       : 274, 335, 375, 601         Limited quantities (RID)       : 5 kg	EmS-No. (Spillage)	: S-F
Air transport PCA Excepted quantities (IATA) E1 PCA Limited quantities (IATA) E3 PCA Excepted quantities (IATA) E3 PCA maxing instructions (IA	Stowage category (IMDG)	: A
PCA Excepted quantities (ATA): E1PCA Limited quantities (IATA): Y956PCA limited quantity max net quantity (IATA): 956PCA max net quantity (IATA): 956PCA max net quantity (IATA): 956CAO packing instructions (IATA): 956CAO max net quantity (IATA): 400kgCAO packing instructions (IATA): 956CAO max net quantity (IATA): 400kgSpecial provisions (IATA): 940kgImited waterway transport: 91Classification code (ADN): M7Special provisions (ADN): 5 kgExcepted quantities (ADN): 5 kgExcepted quantities (ADN): 1 * 8**Equipment required (ADN): PP, ANumber of blue cones/lights (ADN): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): 5 kgExcepted quantities (RID): 5 kgExcepted quantities (RID): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): 0Excepted quantities (RID): 5 kgExcepted quantities (RID): 5 kgExcepted quantities (RID): 5 kgExcepted quantities (RID): 5 kgExcepted quantities (RID): 11, BK1, BK2, BK3Protable tank and buik container instructions (RID): MP10Packing provisions (RID): TH SK3Portable tank and buik container instructions (RID): SGAV, LGBVTank codes		: SW23
PCA Excepted quantities (ATA): E1PCA Limited quantities ((ATA): Y956PCA limited quantity max net quantity ((ATA): 956PCA max net quantity ((ATA): 956PCA max net quantity ((ATA): 956CAO packing instructions ((ATA): 956CAO max net quantity ((ATA): 400kgCAO packing instructions ((ATA): 956CAO max net quantity ((ATA): 400kgSpecial provisions ((ATA): 400kgSpecial provisions ((ATA): 9uInland waterway transport: 9uClassification code (ADN): M7Special provisions (ADN): 5 kgExcepted quantities (ADN): 5 kgExcepted quantities (ADN): 1 * 8**Carriage permitted (ADN): PP, ANumber of blue cones/lights (ADN): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): 5 kgExcepted quantities (RID): 5 kgExcepted quantities (RID): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): 0Special provisions (RID): E1Packing instructions (RID): E1Packing instructions (RID): F12Packing instructions (RID): P12, B3Mixed packing provisions (RID): MP10Portable tank and buik container instructions (RID): MP10Portable tank and buik container instructions (RID): SGAV, LGBVTank codes for RID tan	Air transport	
PCA Limited quantities (IATA): Y956PCA limited quantity max net quantity (IATA): 30kgGPCA packing instructions (IATA): 956PCA max net quantity (IATA): 400kgCAO packing instructions (IATA): 956CAO max net quantity (IATA): 400kgSpecial provisions (IATA): 940kgSpecial provisions (IATA): 940kgInland waterway transport:Classification code (ADN): 274, 335, 375, 601Limited quantity (IATA): 5 kgExcepted quantities (ADN): 5 kgExcepted quantities (ADN): 7 " B*"Equipment required (ADN): 1" P P. ANumber of bue consolights (ADN): 0 OAdditional requirements/Remarks (ADN): 0 OAdditional requirements/Remarks (ADN): 0 OAdditional requirements/Remarks (ADN): 5 kgExcepted quantities (RID): * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case transport in bulk.Classification code (RID): M7Special provisions (RID): 274, 335, 375, 601Limited quantities (RID): M7Special provisions (RID): PP12, 83Mixed packing provisions (RID): PP12, 83Mixed packing provisions (RID): PP13Ortable tank and bulk container instructions (RID): MP10Portable tank and bulk container special provisions: TP33(RID): 3Special provisions for carriage - Packages (RID): 3Special provisions for carriage - Packages (RID): 3		: E1
PCA limited quantity max net quantity (IATA): 30kgGPCA packing instructions (IATA): 956PCA max net quantity (IATA): 400kgCAO packing instructions (IATA): 956CAO max net quantity (IATA): 400kgSpecial provisions (IATA): 400kgSpecial provisions (IATA): 407, A158, A179, A197, A215ERG code (IATA): 9LInland waterway transport:Classification code (ADN): M7Special provisions (IADN): 274, 335, 375, 601Limited quantities (ADN): 5 kgExcepted quantities (ADN): 1" B**Equipment required (ADN): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport: M7Special provisions (RID): E1Classification code (RID): M7Special provisions (RID): 274, 335, 375, 601Limited quantities (RID): PP, ANumber of blue cones/lights (ADN): 0Additional requirements/Remarks (ADN): * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport: 1792Classification code (RID): 1M7Special provisions (RID): 174, 335, 375, 601Limited quantities (RID): 5 kgExcepted quantities (RID): 5 kgPacking instructions (RID): 1902, IBCO8, LPO2, R001Special packing provisions (RID		
PCA packing instructions (IATA)       : 956         PCA max net quantily (IATA)       : 400kg         CAO packing instructions (IATA)       : 956         CAO max net quantily (IATA)       : 400kg         Special provisions (IATA)       : 407, A158, A179, A197, A215         ERG code (IATA)       : 9L         Inland waterway transport       Classification code (ADN)         Classification code (ADN)       : M7         Special provisions (ADN)       : 274, 335, 375, 601         Limited quantities (ADN)       : 5 kg         Excepted quantities (ADN)       : T B**         Equipment required (ADN)       : 0         Additional requirements/Remarks (ADN)       : 0         Additional requirements/Remarks (ADN)       : * Only in the motten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.         Rail transport       : 274, 335, 375, 601         Classification code (RID)       : M7         Special provisions (RID)       : 274, 335, 375, 601         Limited quantities (RID)       : E 1         Packing instructions (RID)       : E 1         Packing instructions (RID)       : F 002, IBC08, LP02, R001         Special provisions (RID)       : P12, B3         Mixed packing provisions (RID)       : P14, BK2, BK3		
PCA max net quantity (IATA): 400kgCAO packing instructions (IATA): 956CAO max net quantity (IATA): 400kgSpecial provisions (IATA): A97, A158, A179, A197, A215ERG code (IATA): 9LInland waterway transportClassification code (ADN): M7Special provisions (IADN): 5 kgExcepted quantities (ADN): 5 kgExcepted quantities (ADN): F1Carriage permitted (ADN): PP, ANumber of blue cones/lights (ADN): 0Additional requirements/Remarks (ADN): * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case transport in bulk.Classification code (RID): M7Special provisions (RID): 274, 335, 375, 601Limited quantities (RID): * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case transport in bulk.Rail transport: 274, 335, 375, 601Classification code (RID): M7Special provisions (RID): 274, 335, 375, 601Limited quantities (RID): E1Packing instructions (RID): P02, IBC08, LP02, R001Special provisions (RID): P012, IBGPortable tank and bulk container instructions (RID): T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID): T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID): T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID): SGAV, LGBVTranscord scale gor (RID): 3Special provisions for carriage		-
CAO packing instructions (IATA): 956CAO max net quantity (IATA): 400kgSpecial provisions (IATA): 407, A158, A179, A197, A215ERG code (IATA): 9LInland waterway transportClassification code (ADN): M7Special provisions (ADN): 274, 335, 375, 601Limited quantities (ADN): 5 kgExcepted quantities (ADN): 5 kgCarriage permitted (ADN): T* B**Equipment required (ADN): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:Classification code (RID): M7Special provisions (RID): 274, 335, 375, 601Limited quantities (RD): SkgExcepted quantities (RD): 274, 335, 375, 601Limited quantities (RID): 274, 335, 375, 601Limited quantities (RID): PP12, B3Mixed packing provisions (RID): PP12, B3Mixed packing provisions (RID): PP12, B3Mixed packing provisions (RID): T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID): TP33(RID): SGAV, LGBVTransport category (RID): 3Special provisions for carriage – Bulk (RID): VC1, VC2		
CAO max net quantity (IATA): 400kgSpecial provisions (IATA): A97, A158, A179, A197, A215ERG code (IATA): 9LInland waterway transportClassification code (ADN): MTSpecial provisions (ADN): 274, 335, 375, 601Limited quantities (ADN): 5 kgExcepted quantities (ADN): 5 kgExcepted quantities (ADN): T* B**Equipment required (ADN): PP, ANumber of blue cones/lights (ADN): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): 0Rail transport: 274, 335, 375, 601Classification code (RID): MTSpecial provisions (RID): 274, 335, 375, 601Limited quantities (RD): 00 in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case transport in bulk.Rail transport: 274, 335, 375, 601Classification code (RID): MTSpecial provisions (RID): 274, 335, 375, 601Limited quantities (RD): 274, 335, 375, 601Limited quantities (RID): E1Packing instructions (RID): P002, IBC08, LP02, R001Special provisions (RID): P12, B3Mixed packing provisions (RID): T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID): T1P33(RID): SGAV, LGBVTransport category (RID): 3Special provisions for carriage – Bulk (RID): VC1, VC2		5
Special provisions (IATA): A97, A158, A179, A197, A215ERG code (IATA): 9LInland waterway transportClassification code (ADN): M7Special provisions (ADN): 274, 335, 375, 601Limited quantities (ADN): 5 kgExcepted quantities (ADN): E1Carriage permitted (ADN): T* B**Equipment required (ADN): 0Additional requirements/Remarks (ADN): 0Additional requirements/Remarks (ADN): * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:Classification code (RID): M7Special provisions (RID): 274, 335, 375, 601Limited quantities (RID): 5 kgExcepted quantities (RID): 5 kgExcepted quantities (RID): 5 kgExcepted quantities (RID): 17 BY1, 335, 375, 601Limited quantities (RID): 5 kgExcepted quantities (RID): 5 kgExcepted quantities (RID): 5 kgExcepted quantities (RID): 5 kgExcepted porvisions (RID): PP12, B3Mixed packing provisions (RID): MP10Portable tank and bulk container instructions (RID): TP33(RID): SGAV, LGBVTransport category (RID): SGAV, LGBVTransport category (RID): 3Special provisions for carriage – Bulk (RID): VC1, VC2		
ERG code (IATA)       : 9L         Inland waterway transport		0
Classification code (ADN):M7Special provisions (ADN):274, 335, 375, 601Limited quantities (ADN):5 kgExcepted quantities (ADN):E1Carriage permitted (ADN):T* B**Equipment required (ADN):PP, ANumber of blue cones/lights (ADN):0Additional requirements/Remarks (ADN):* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:274, 335, 375, 601Classification code (RID):M7Special provisions (RID):274, 335, 375, 601Limited quantities (RID):5 kgExcepted quantities (RID):5 kgExcepted quantities (RID):E1Packing instructions (RID):PP12, B3Mixed packing provisions (RID):PP12, B3Mixed packing provisions (RID):T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID):T1383(RID):SGAV, LGBVTransport category (RID):3Special provisions for carriage – Packages (RID):W13Special provisions for carriage – Bulk (RID):VC1, VC2		
Classification code (ADN):M7Special provisions (ADN):274, 335, 375, 601Limited quantities (ADN):5 kgExcepted quantities (ADN):E1Carriage permitted (ADN):T* B**Equipment required (ADN):PP, ANumber of blue cones/lights (ADN):0Additional requirements/Remarks (ADN):* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:274, 335, 375, 601Classification code (RID):M7Special provisions (RID):274, 335, 375, 601Limited quantities (RID):5 kgExcepted quantities (RID):5 kgExcepted quantities (RID):E1Packing instructions (RID):PP12, B3Mixed packing provisions (RID):PP12, B3Mixed packing provisions (RID):T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID):T1383(RID):SGAV, LGBVTransport category (RID):3Special provisions for carriage – Packages (RID):W13Special provisions for carriage – Bulk (RID):VC1, VC2	Inland waterway transport	
Special provisions (ADN):274, 335, 375, 601Limited quantities (ADN):5 kgExcepted quantities (ADN):E1Carriage permitted (ADN):T* B**Equipment required (ADN):PP, ANumber of blue cones/lights (ADN):0Additional requirements/Remarks (ADN):* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transportClassification code (RID):M7Special provisions (RID):274, 335, 375, 601Limited quantities (RID):5 kgExcepted quantities (RID):5 kgExcepted quantities (RID):E1Packing instructions (RID):P02, IBC08, LP02, R001Special provisions (RID):P12, B3Mixed packing provisions (RID):T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID):T1, BK1, BK2, BK3Portable tank and bulk container special provisions (RID):3Transport (RID)::SGAV, LGBVTransport category (RID)::3Special provisions for carriage - Packages (RID):W13Special provisions for carriage - Bulk (RID):VC1, VC2		: M7
Limited quantities (ADN):5 kgExcepted quantities (ADN):E1Carriage permitted (ADN):T* B**Equipment required (ADN):PP, ANumber of blue cones/lights (ADN):0Additional requirements/Remarks (ADN):* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Classification code (RID):274, 335, 375, 601Limited quantities (RID):5 kgExcepted quantities (RID):5 kgExcepted quantities (RID):E1Packing instructions (RID):P12, B3Mixed packing provisions (RID):MP10Portable tank and bulk container instructions (RID):TP33(RID):SGAV, LGBVTransport category (RID):3Special provisions for carriage - Packages (RID):W13Special provisions for carriage - Bulk (RID):VC1, VC2		
Excepted quantities (ADN):E1Carriage permitted (ADN):T* B**Equipment required (ADN):PP, ANumber of blue cones/lights (ADN):0Additional requirements/Remarks (ADN):* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:M7Classification code (RID):M7Special provisions (RID):274, 335, 375, 601Limited quantities (RID):5kgExcepted quantities (RID):E1Packing instructions (RID):P02, IBC08, LP02, R001Special provisions (RID):P12, B3Mixed packing provisions (RID):T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID):T1, BK1, BK2, BK3Portable tank and bulk container special provisions:TP33(RID):SGAV, LGBVTransport category (RID):3Special provisions for carriage – Packages (RID):W13Special provisions for carriage – Bulk (RID):VC1, VC2		: 5 kg
Carriage permitted (ADN): T* B**Equipment required (ADN): PP, ANumber of blue cones/lights (ADN): 0Additional requirements/Remarks (ADN): * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:Classification code (RID): MTSpecial provisions (RID): 274, 335, 375, 601Limited quantities (RID): 5kgExcepted quantities (RID): E1Packing instructions (RID): P02, IBC08, LP02, R001Special provisions (RID): T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID): T1, BK1, BK2, BK3Portable tank and bulk container special provisions: T933(RID): SGAV, LGBVTransport category (RID): 3Special provisions for carriage – Packages (RID): W13Special provisions for carriage – Bulk (RID): W13Special provisions for carriage – Bulk (RID): W13Special provisions for carriage – Bulk (RID): W13		
Equipment required (ADN):PP, ANumber of blue cones/lights (ADN):0Additional requirements/Remarks (ADN):* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.Rail transport:M7Classification code (RID):274, 335, 375, 601Limited quantities (RID):5kgExcepted quantities (RID):E1Packing instructions (RID):P002, IBC08, LP02, R001Special packing provisions (RID):PP12, B3Mixed packing provisions (RID):MP10Portable tank and bulk container instructions (RID):T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID):T33(RID):SGAV, LGBVTransport category (RID):3Special provisions for carriage – Packages (RID):W13Special provisions for carriage – Bulk (RID):VC1, VC2		: T* B**
Additional requirements/Remarks (ADN)       : * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case transport in bulk.         Rail transport       : M7         Classification code (RID)       : M7         Special provisions (RID)       : 274, 335, 375, 601         Limited quantities (RID)       : 5kg         Excepted quantities (RID)       : E1         Packing instructions (RID)       : P002, IBC08, LP02, R001         Special packing provisions (RID)       : PP12, B3         Mixed packing provisions (RID)       : MP10         Portable tank and bulk container instructions (RID)       : T1, BK1, BK2, BK3         Portable tank and bulk container special provisions       : TP33         (RID)       : SGAV, LGBV         Transport category (RID)       : 3         Special provisions for carriage – Packages (RID)       : W13         Special provisions for carriage – Bulk (RID)       : W13		: PP, A
transport in bulk.Rail transportClassification code (RID): M7Special provisions (RID): 274, 335, 375, 601Limited quantities (RID): 5kgExcepted quantities (RID): E1Packing instructions (RID): P002, IBC08, LP02, R001Special packing provisions (RID): PP12, B3Mixed packing provisions (RID): T1, BK1, BK2, BK3Portable tank and bulk container instructions (RID): TP33(RID):Tank codes for RID tanks (RID): SGAV, LGBVTransport category (RID): 3Special provisions for carriage – Packages (RID): W13Special provisions for carriage – Bulk (RID): VC1, VC2	Number of blue cones/lights (ADN)	: 0
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Classification code (RID):M7Special provisions (RID):274, 335, 375, 601Limited quantities (RID):5kgExcepted quantities (RID):E1Packing instructions (RID):P002, IBC08, LP02, R001Special packing provisions (RID):PP12, B3Mixed packing provisions (RID):MP10Portable tank and bulk container instructions (RID):T1, BK1, BK2, BK3Portable tank and bulk container special provisions:TP33(RID):SGAV, LGBVTank codes for RID tanks (RID):3Special provisions for carriage – Packages (RID):W13Special provisions for carriage – Bulk (RID):VC1, VC2		
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Special provisions for carriage – Packages (RID)       :       W13         Special provisions for carriage – Bulk (RID)       :       VC1, VC2		
Special provisions for carriage – Bulk (RID) : VC1, VC2		
Special provisions for carriage - Loading, unloading CW13, CW31		
and handling (RID)		: UW13, UW31
Colis express parcels) (RID) : CE11		: CE11

Safety Data Sheet

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

Hazard identification number (RID)

## 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

: 90

#### 15.1.1. EU-Regulations

#### REACH Annex XVII (Restriction List)

No REACH Annex XVII restrictions

#### **REACH Annex XIV (Authorisation List)**

CUPRIC CARBONATE BASIC EXTRA PURE is not on the REACH Annex XIV List

#### **REACH Candidate List (SVHC)**

CUPRIC CARBONATE BASIC EXTRA PURE is not on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

CUPRIC CARBONATE BASIC EXTRA PURE is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals.

#### POP Regulation (Persistent Organic Pollutants)

CUPRIC CARBONATE BASIC EXTRA PURE is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### Ozone Regulation (1005/2009)

CUPRIC CARBONATE BASIC is not subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

## **Explosives Precursors Regulation (2019/1148)**

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 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 drug precursors)

#### 15.1.2. National regulations

#### Germany

Water hazard class (WGK) Hazardous Incident Ordinance (12. BImSchV)	<ul> <li>WGK 3, Highly hazardous to water (Classification according to AwSV; ID No. 6805).</li> <li>Is not subject of the Hazardous Incident Ordinance (12. BImSchV)</li> </ul>
Netherlands	
SZW-lijst van kankerverwekkende stoffen	: The substance is not listed
SZW-lijst van mutagene stoffen	: The substance is not listed
SZW-lijst van reprotoxische stoffen – Borstvoedir	ng : The substance is not listed
SZW-lijst van reprotoxische stoffen –	: The substance is not listed
Vruchtbaarheid	
SZW-lijst van reprotoxische stoffen – Ontwikkelin	ng : The substance is not listed
Denmark	
MAL code	: 00-3 (Executive Order No. 301 (1993))
Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product
Ğ	
15.2 Chemical safety assessment	

**15.2.** Chemical safety assessment

No chemical safety assessment has been carried out

# Safety Data Sheet

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

Abbroviations and acronyms:           ADN         European Agreement concerning the International Carriage of Dangerous Goods by Read           ATE         Acue Toxicity Estimate           BCF         Bioconcentration factor           BLV         Biological limit value           BOD         Biochernical oxygen demand (BOD)           COD         Chemical oxygen demand (COD)           DMEL         Derived-More Effect Level           EC-No.         European Community number           EC-No.         European Community number           EC-No.         European Community number           EC-No.         European Community number           ECS0         Median effective concentration           INRC         International Agency for Research on Concer           IATA         International Agency for Research on Concer           IATA         International Agency for Research on Concer           IATA         International Adverse Effect Level           NOACE         No-Observed Adverse Effect Level           NOAEL         No-Observed Adverse Effect Level           NOAEL         No-Observed Adverse Effect Level           NOAEC         No-Observed Adverse Effect Level           NOAEC         No-Observed Effect Concentration           NOAE         No-	SECTION 16: Other information		
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 Minimal Effect level           DNEL         Derived No Effect Level           EC-No         European Community number           EC50         Median effective concentration           EN         European Standard           IRC         International Agency for Research on Cancer           IATA         International Aurime Dangerous Goods           LOS0         Median lethal concentration           ID50         Median lethal concentration           NDAEL         Lowest Observed Adverse Effect Level           NOAEL         No-Observed Adverse Effect Level           NOAEL         Occupational Exposure Limit           PBT         Persistent Bioaccumulative Toxic           PNEC         Predicted No-Effect Concentration           NOAEL         No-Observed Adverse Effect Level           NOAEL         Occupational Exposure	Abbreviations and acr	onyms:	
ATE     Acute Toxicity Estimate       BCF     Bioconcentration factor       BLV     Biological limit value       BOD     Biochemical oxygen demand (BOO)       COD     Chemical oxygen demand (COD)       DMEL     Derived Minimal Effect level       DNEL     Derived Minimal Effect level       EC-No.     European Community number       EC50     Median effective concentration       EN     European Community number       EC50     Median effective concentration       EN     European Standard       INTA     International Arransport Association       IMDG     International Arransport Association       IMDG     International Arransport Association       ILOAEL     Lovest Observed Adverse Effect Level       NOAEL     No-Observed Adverse Effect Level       NOAEC     No-Observed Adverse Effect Level       NOAEC     No-Observed Adverse Effect Concentration       NOEC     No-Observed Adverse Effect Concentration       OECD     Organisation for Economic Co-operation and Development       OEL     Occupational Exposure Limit       PBT     Persistent Biaccumulative Toxic       PNEC     Predicted No-Effect Concentration       RID     Regulations concerning the International Carriage of Dangerous Goods by Rail       SDS     Safety Data Sheet	ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
BCF         Biological limit value           BLV         Biological limit value           BOD         Biochemical oxygen demand (BOD)           COD         Chemical oxygen demand (COD)           DMEL         Derived Minimal Effect level           DNEL         Derived-No Effect Level           EC-No.         European Community number           EC50         Median effective concentration           EN         European Standard           IARC         International Agency for Research on Cancer           IATA         International Arit mesport Association           IMDG         International Arit mesport Association           ILS0         Median intertime Dangerous Goods           LCARL         Lowest Observed Adverse Effect Level           NOAEC         No-Observed Effect Concentration           NOAEL         No-Observed Effect Concentration           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 Carinage of Dangerous Goods by Rail <t< td=""><td>ADR</td><td>European Agreement concerning the International Carriage of Dangerous Goods by Road</td></t<>	ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
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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	STP	Sewage treatment plant	
VOC       Volatile Organic Compounds         CAS-No.       Chemical Abstract Service number         N.O.S.       Not Otherwise Specified         vPvB       Very Persistent and Very Bioaccumulative	ThOD	Theoretical oxygen demand (ThOD)	
CAS-No.       Chemical Abstract Service number         N.O.S.       Not Otherwise Specified         vPvB       Very Persistent and Very Bioaccumulative	TLM	Median Tolerance Limit	
N.O.S.     Not Otherwise Specified       vPvB     Very Persistent and Very Bioaccumulative	VOC	Volatile Organic Compounds	
vPvB Very Persistent and Very Bioaccumulative	CAS-No.	Chemical Abstract Service number	
	N.O.S.	Not Otherwise Specified	
ED Endocrine disrupting properties	vPvB	Very Persistent and Very Bioaccumulative	
	ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4

# Safety Data Sheet

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

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
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.