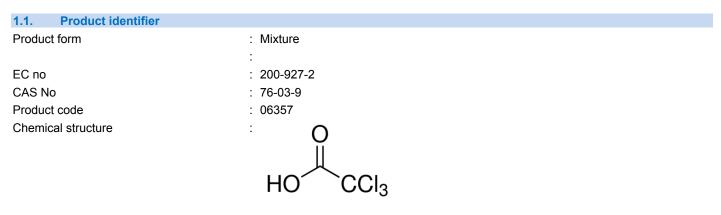


## CAS No: 76-03-9 MSDS

## **MATERIAL SAFETY DATA SHEET (MSDS)**

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



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

1.2.1. Relevant identified uses

Use of the substance/mixture

: Laboratory chemicals, Manufacture of substances

#### 1.2.2. Uses advised against

No additional information available

#### **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 mixture

#### Classification according to Directive 67/548/EEC or 1999/45/EC

C; R35 N; R51/53 Full text of R-phrases: see section 16

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

No additional information available

Safety Data Sheet

-	
2.2. Label elements	
Labelling according to Directive 67/548/	EEC or 1999/45/EC
Hazard symbols	
	C - Corrosive N - Dangerous for the environment
R-phrases	<ul> <li>R35 - Causes severe burns R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment</li> </ul>
S-phrases	<ul> <li>S24 - Avoid contact with skin</li> <li>S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice</li> <li>S28 - After contact with skin, wash immediately with plenty of (to be specified by the manufacturer)</li> <li>S35 - This material and its container must be disposed of in a safe way</li> <li>S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection</li> <li>S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)</li> <li>S57 - Use appropriate container to avoid environmental contamination</li> <li>S59 - Refer to manufacturer/supplier for information on recovery/recycling</li> <li>S60 - This material and its container must be disposed of as hazardous waste</li> <li>S61 - Avoid release to the environment. Refer to special instructions/safety data sheets</li> </ul>

### 2.3. Other hazards

No additional information available

SECTI	ON 3: Composition/information on ingredients
3.1.	Substance
Not ap	plicable
3.2.	Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS No) 7732-18- 5 (EC no) 231-791-2	75 - 99	Not classified	Not classified
Trichloroacetic acid	(CAS No) 76-03-9 (EC no) 200-927-2 (EC index no) 607- 004-00-7	15 - 25	C; R35 N; R50/53	Skin Corr. 1A, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

### Full text of R- and H-phrases: see section 16

Safety Data Sheet

### SECTION 4: First aid measures

4.1.	Description of first aid measures	3
First-aid	measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
First-aid	measures after skin contact	: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
First-aid	measures after eye contact	: 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.
First-aid	measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
4.2.	Most important symptoms and e	ffects, both acute and delayed
Sympton	ns/injuries	: Causes severe skin burns and eye damage.
Sympton	ns/injuries after inhalation	: May cause respiratory irritation.
4.3.	Indication of any immediate med	lical attention and special treatment needed
Treat syr	mptomatically.	
SECTIO	N 5: Firefighting measures	
5.4	Faction and a later ways alter	
	Extinguishing media	, day sharring lagudan sharkal maintact from sombor dispide (200)
	extinguishing media	: dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).
Unsultab	le extinguishing media	: Do not use a heavy water stream.
5.2.	Special hazards arising from the	substance or mixture
No additi	ional information available	
5.3.	Advice for firefighters	
<b>D</b> ( )		
Protectio	n during firefighting	: Do not attempt to take action without suitable protective equipment.
	n during firefighting N 6: Accidental release measures	
SECTIO	N 6: Accidental release measures	
<b>SECTIO</b> 6.1.	N 6: Accidental release measures	3
SECTIO 6.1. 6.1.1.	N 6: Accidental release measures Personal precautions, protective	3
SECTIO 6.1. 6.1.1. Emerger 6.1.2.	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel ncy procedures For emergency responders	e equipment and emergency procedures : Evacuate unnecessary personnel.
<b>SECTIO</b> 6.1. 6.1.1. Emerger 6.1.2. Protectiv	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel acy procedures For emergency responders e equipment	equipment and emergency procedures
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel ncy procedures For emergency responders e equipment ncy procedures	e equipment and emergency procedures : Evacuate unnecessary personnel.
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger 6.2.	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel ncy procedures For emergency responders re equipment ncy procedures Environmental precautions	<ul> <li>equipment and emergency procedures</li> <li>Evacuate unnecessary personnel.</li> <li>Use personal protective equipment as required.</li> </ul>
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger 6.2. Avoid rel	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel may procedures For emergency responders e equipment may procedures Environmental precautions lease to the environment.	<ul> <li>equipment and emergency procedures</li> <li>Evacuate unnecessary personnel.</li> <li>Use personal protective equipment as required.</li> <li>Stop release.</li> </ul>
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger 6.2. Avoid rel 6.3.	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel acy procedures For emergency responders e equipment acy procedures Environmental precautions lease to the environment. Methods and material for contain	<ul> <li>equipment and emergency procedures</li> <li>Evacuate unnecessary personnel.</li> <li>Use personal protective equipment as required.</li> <li>Stop release.</li> </ul>
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger 6.2. Avoid rel 6.3.	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel may procedures For emergency responders e equipment may procedures Environmental precautions lease to the environment.	<ul> <li>equipment and emergency procedures</li> <li>Evacuate unnecessary personnel.</li> <li>Use personal protective equipment as required.</li> <li>Stop release.</li> </ul>
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger 6.2. Avoid rel 6.3. Methods 6.4.	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel may procedures For emergency responders re equipment may procedures Environmental precautions rease to the environment. Methods and material for contain for cleaning up Reference to other sections	<ul> <li>equipment and emergency procedures</li> <li>Evacuate unnecessary personnel.</li> <li>Use personal protective equipment as required.</li> <li>Stop release.</li> </ul>
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger 6.2. Avoid rel 6.3. Methods 6.4.	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel may procedures For emergency responders e equipment may procedures Environmental precautions lease to the environment. Methods and material for contain for cleaning up	<ul> <li>equipment and emergency procedures</li> <li>Evacuate unnecessary personnel.</li> <li>Use personal protective equipment as required.</li> <li>Stop release.</li> </ul>
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger 6.2. Avoid rel 6.3. Methods 6.4. No additi	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel may procedures For emergency responders re equipment may procedures Environmental precautions rease to the environment. Methods and material for contain for cleaning up Reference to other sections	<ul> <li>equipment and emergency procedures</li> <li>Evacuate unnecessary personnel.</li> <li>Use personal protective equipment as required.</li> <li>Stop release.</li> </ul>
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger 6.2. Avoid rel 6.3. Methods 6.4. No additi	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel may procedures For emergency responders re equipment may procedures Environmental precautions rease to the environment. Methods and material for contain for cleaning up Reference to other sections ional information available	<ul> <li>equipment and emergency procedures</li> <li>Evacuate unnecessary personnel.</li> <li>Use personal protective equipment as required.</li> <li>Stop release.</li> </ul> ment and cleaning up <ul> <li>Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.</li> </ul>
SECTIO 6.1. Emerger 6.1.2. Protectiv Emerger 6.2. Avoid rel 6.3. Methods 6.4. No additi SECTIO 7.1.	N 6: Accidental release measures Personal precautions, protective For non-emergency personnel may procedures For emergency responders e equipment may procedures Environmental precautions lease to the environment. Methods and material for contain for cleaning up Reference to other sections ional information available N 7: Handling and storage	<ul> <li>equipment and emergency procedures</li> <li>Evacuate unnecessary personnel.</li> <li>Use personal protective equipment as required.</li> <li>Stop release.</li> </ul>

Safety Data Sheet

7.2. Conditions for safe storage, inc	luding any incompatibilities
Technical measures	: Comply with applicable regulations.
Storage conditions	: Store in original container. Keep container tightly closed. Store in a dry place. Protect from moisture.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/persona	l protection
8.1. Control parameters	
No additional information available	

8.2. Exposure controls	
Hand protection	: protective gloves
Eye protection	: Chemical goggles or face shield
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Wear respiratory protection

### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical a	
Physical state	: Liquid
Colour	: Clear Colorless.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 40 °C
Flash point	: 110 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.327 g/cm³

## Safety Data Sheet

Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2.	Other information	
No addi	tional information available	
SECTIO	ON 10: Stability and reactivity	
10.1.	Reactivity	
Therma	I decomposition generates : Corro	sive vapours.
10.2.	Chemical stability	
No addi	tional information available	
10.3.	Possibility of hazardous reaction	ons
No addi	tional information available	
10.4.	Conditions to avoid	
No addi	tional information available	
10.5.	Incompatible materials	
No addi	tional information available	
10.6.	Hazardous decomposition proc	ducts
	I decomposition generates : Corro	
SECTIC	ON 11: Toxicological information	
11.1.	Information on toxicological ef	fects
Acute to	oxicity	: Not classified
Irritation	l	: Not classified
Corrosiv	/ity	: Causes severe burns.

Corrosivity	: Causes severe burn
Sensitisation	: Not classified
Repeated dose toxicity	: Not classified
Carcinogenicity	: Not classified
Mutagenicity	: Not classified
Toxicity for reproduction	: Not classified

### **SECTION 12: Ecological information**

12.1.	Toxicity

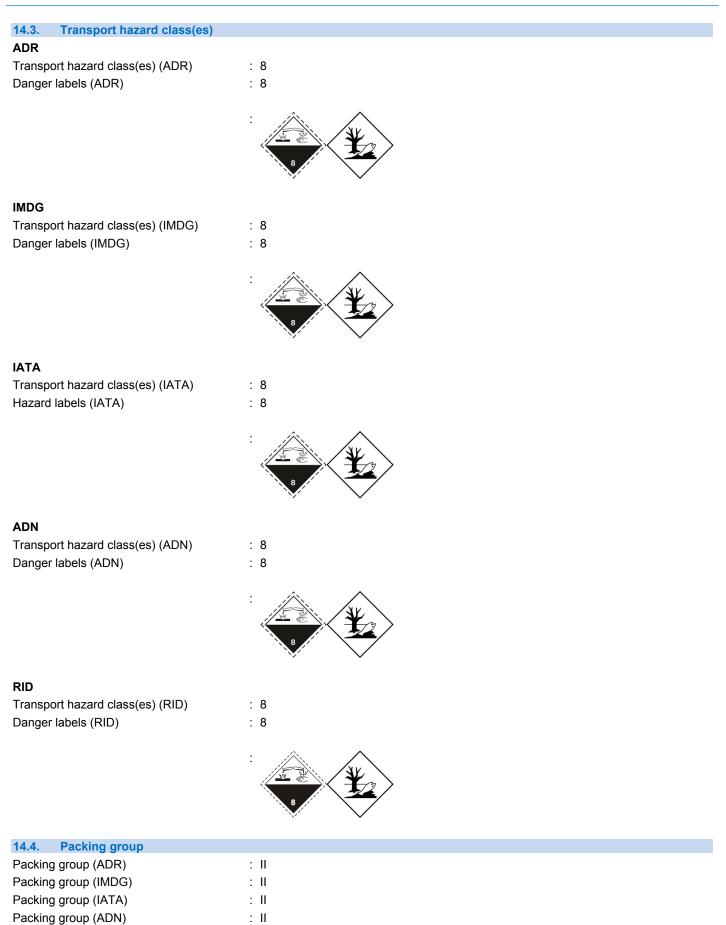
Ecology - water

: Toxic to aquatic life with long lasting effects.

Safety Data Sheet

TRICHLOROACETIC ACID 20% W/V A	R (76-03-9)
Persistence and degradability	May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB asses	ssment
No additional information available	
12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Product/Packaging disposal recommendations	: Dispose of contents/container to
SECTION 14: Transport information	
	TA / ADN
SECTION 14: Transport information	TA / ADN
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number	
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR)	: 2564
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG)	: 2564 : 2564
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No.(IATA)	: 2564 : 2564 : 2564
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No.(IATA) UN-No.(ADN)	: 2564 : 2564 : 2564 : 2564
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No.(IATA) UN-No.(ADN)	: 2564 : 2564 : 2564
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No. (IMDG) UN-No. (ADN) UN-No. (RID) 14.2. UN proper shipping name	: 2564 : 2564 : 2564 : 2564 : 2564
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID) 14.2. UN proper shipping name Proper Shipping Name (ADR)	: 2564 : 2564 : 2564 : 2564 : 2564 : 2564
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No. (IMDG) UN-No. (ADN) UN-No. (ADN) UN-No. (RID) 14.2. UN proper shipping name Proper Shipping Name (ADR) Proper Shipping Name (IMDG)	: 2564 : 2564 : 2564 : 2564 : 2564 : 2564 : TRICHLOROACETIC ACID SOLUTION : TRICHLOROACETIC ACID SOLUTION
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID) 14.2. UN proper shipping name Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA)	<ul> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>TRICHLOROACETIC ACID SOLUTION</li> <li>TRICHLOROACETIC ACID SOLUTION</li> <li>TRICHLOROACETIC ACID SOLUTION</li> </ul>
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID) 14.2. UN proper shipping name Proper Shipping Name (ADR) Proper Shipping Name (IATA) Proper Shipping Name (ADN)	<ul> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>TRICHLOROACETIC ACID SOLUTION</li> </ul>
SECTION 14: Transport information n accordance with ADR / RID / IMDG / IA 14.1. UN number JN-No. (ADR) JN-No. (IMDG) JN-No. (IMDG) JN-No. (IATA) JN-No. (ADN) JN-No. (RID) 14.2. UN proper shipping name Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID)	<ul> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>TRICHLOROACETIC ACID SOLUTION</li> </ul>
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (ADN) UN-No. (RID) 14.2. UN proper shipping name Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID)	<ul> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>TRICHLOROACETIC ACID SOLUTION</li> </ul>
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID) 14.2. UN proper shipping name Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR)	<ul> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>TRICHLOROACETIC ACID SOLUTION</li> <li>UN 2564 TRICHLOROACETIC ACID SOLUTION, 8, II, (E), ENVIRONMENTALLY</li> </ul>
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID) 14.2. UN proper shipping name Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR)	<ul> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>TRICHLOROACETIC ACID SOLUTION</li> <li>UN 2564 TRICHLOROACETIC ACID SOLUTION, 8, II, (E), ENVIRONMENTALLY HAZARDOUS</li> <li>UN 2564 TRICHLOROACETIC ACID SOLUTION, 8, II, MARINE</li> </ul>
SECTION 14: Transport information In accordance with ADR / RID / IMDG / IA 14.1. UN number UN-No. (ADR) UN-No. (IMDG) UN-No. (IMDG) UN-No. (ADN) UN-No. (RID)	<ul> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>2564</li> <li>TRICHLOROACETIC ACID SOLUTION</li> <li>UN 2564 TRICHLOROACETIC ACID SOLUTION, 8, II, (E), ENVIRONMENTALLY HAZARDOUS</li> <li>UN 2564 TRICHLOROACETIC ACID SOLUTION, 8, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS</li> <li>UN 2564 TRICHLOROACETIC ACID SOLUTION, 8, II, ENVIRONMENTALLY</li> </ul>

Safety Data Sheet



: 11

Safety Data Sheet

14.5. Environmental hazards	
Dangerous for the environment	: Yes
Marine pollutant	: Yes
Other information	: No supplementary information available

14.6. Special precautions for user	
- Overland transport	
Classification code (ADR)	: C3
Limited quantities (ADR)	: 1L
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02
Mixed packing provisions (ADR)	: MP15
Portable tank and bulk container instructions (ADR)	: T7
Portable tank and bulk container special provisions (ADR)	: TP2
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Hazard identification number (Kemler No.)	: 80
Orange plates	· <b>80</b>
	2564
Tunnel restriction code (ADR)	: E
EAC code	: 2X
<b>T</b>	
- Transport by sea	
Limited quantities (IMDG)	: 1L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP2
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: B
MFAG-No	: 153
- Air transport	
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y840
PCA limited quantity max net quantity (IATA)	: 0.5L
PCA packing instructions (IATA)	: 851
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 855
CAO max net quantity (IATA)	: 30L
Special provision (IATA)	: A3
ERG code (IATA)	: 8L
- Inland waterway transport	
Classification code (ADN)	: C3
Limited quantities (ADN)	: 1L
www.lobachemie.com	

### Safety Data Sheet

Excepted quantities (ADN)	: E2
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0
- Rail transport	
Classification code (RID)	: C3
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P001, IBC02
Mixed packing provisions (RID)	: MP15
Portable tank and bulk container instructions (RID)	: <b>T</b> 7
Portable tank and bulk container special provisions (RID)	: TP2
Tank codes for RID tanks (RID)	: L4BN
Transport category (RID)	: 2
Colis express (express parcels) (RID)	: CE6
Hazard identification number (RID)	: 80

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

Not applicable

### **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

### 15.1.2. National regulations

### Germany

AwSV/VwVwS Annex reference	: Water hazard class (WGK) 2, hazardous to water (Classification according to AwSV, Annex 1)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)
Denmark	

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

### 15.2. Chemical safety assessment

No additional information available

Safety Data Sheet

**SECTION 16: Other information** 

Full text of R-, H- and EUH-phrases:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
H314	Causes severe skin burns and eye damage
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
R35	Causes severe burns
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
С	Corrosive
Ν	Dangerous for the environment

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