

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 07-02-2023 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 OXALYL CHLORIDE FOR SYNTHESIS 201-200-2 79-37-8 05077 C2CI2O2 CI CI<	
Synonyms	: Ethanedioyl dichloride, Oxalyl dichloride, Oxaloyl chloride	
1.2. Relevant identified uses of the substa	nce or mixture and uses advised against	
1.2.1. Relevant identified uses		
Industrial/Professional use spec Use of the substance/mixture	 For professional use only Industrial 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 Regulation (EC) No. 1272/2008 [CLP] Substances and Mixtures which, in contact with water, emit flammable gases, Category 1 H260 Acute toxicity (inhalation:vapour) Category 3 H331 Skin corrosion/irritation, Category 1, Sub-Category 1B H314 Specific target organ toxicity – Single exposure, Category 3, Respiratory H335 tract irritation H314 Full text of H- and EUH-statements: see section 16 Adverse physicochemical, human health and environmental effects

In contact with water releases flammable gases which may ignite spontaneously. Toxic if inhaled. May cause respiratory irritation. Causes severe skin burns and eye damage.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP) GHS02 GHS05 GHS06 Signal word (CLP) : Danger Hazard statements (CLP) : H260 - In contact with water releases flammable gases which may ignite spontaneously. H314 - Causes severe skin burns and eye damage. H331 - Toxic if inhaled. H335 - May cause respiratory irritation. Precautionary statements (CLP) : P223 - Do not allow contact with water. P231+P232 - Handle and store contents under inert gas. Protect from moisture. P280 - Wear protective clothing, eye protection, face protection, protective gloves. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower 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. P310 - Immediately call a doctor. 2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients		
3.1. Substances		
Substance type	: Mono-constituent	
Name	Product identifier	%
OXALYL CHLORIDE FOR SYNTHESIS	CAS-No.: 79-37-8 EC-No.: 201-200-2	100
3.2. Mixtures		

Not applicable

SECTION 4: First aid measures 4.1. Description of first aid measures : Call a physician immediately. First-aid measures general First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a doctor. : Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages. Rinse skin First-aid measures after skin contact with water/shower. Take off immediately all contaminated clothing. Call a physician immediately. First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/effects after inhalation May cause respiratory irritation. Symptoms/effects after skin contact Burns. Symptoms/effects after eye contact Serious damage to eyes. Symptoms/effects after ingestion : Burns.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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	: Dry powder. Foam. Carbon dioxide.	
5.2. Special hazards arising from the substance or mixture		
Hazardous decomposition products in case of fire	: Toxic fumes may be released.	
5.3. Advice for firefighters		
Protection during firefighting	: 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 equipment and emergency procedures			
6.1.1. For non-emergency personnel			
Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.		
6.1.2. 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".		
6.2. Environmental precautions			
Avoid release to the environment.			
6.3. Methods and material for containment and cleaning up			
Methods for cleaning up Other information	Take up liquid spill into absorbent material.Dispose of materials or solid residues at an authorized site.		
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 Hygiene measures	 Handle under inert gas. Protect from moisture. Do not allow contact with water. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 		
7.2. Conditions for safe storage, including any incompatibilities			
Storage conditions	: Protect from moisture. Store in a dry place. Store in a closed container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.		
7.3. Specific end use(s)			

No additional information available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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: Safety glasses

8.2.2.2. Skin protection

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

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
Appearance

: Liquid
Appearance

: Clear. Liquid.

Molecular mass	:	126.93 g/mol
Colour	:	Colourless to Light yellow.
Odour	:	Pungent.
Odour threshold	:	No data available
pH	:	No data available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
	: -12 °C
Freezing point	
Boiling point	: 62 – 65 °C
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: > 560 °C
Flammability (solid, gas)	: In contact with water releases flammable gases which may ignite spontaneously.
Vapour pressure	: 232 hPa at 20°C
Relative vapour density at 20 °C	: 4.38 (Air = 1)
Relative density	: No data available
Density	: 1.478 g/cm ³
Solubility	: Water: Reacts
	Ether: Miscible
Partition coefficient n-octanol/water (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

Refractive index

: 1.4285 - 1.4305 (20°C, 589 nm)

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

In contact with water releases flammable gases which may ignite spontaneously.

10.4. Conditions to avoid

Water, humidity.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Toxic if inhaled.
Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Assumed to cause serious eye damage
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

STOT-single exposure	:	May cause respiratory irritation.
STOT-repeated exposure	:	Not classified
Aspiration hazard	:	Not classified

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general Hazardous to the aquatic environment, short–term (acute) Hazardous to the aquatic environment, long–term (chronic)	 Before neutralisation, the product may represent a danger to aquatic organisms. Not classified Not classified
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	t .
No additional information available	
12.6. Other adverse effects	
No additional information available	

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

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

14.1 UN number	
UN-No. (ADR) UN-No. (IMDG)	: UN 3130 : UN 3130
UN-No. (IATA)	: UN 3130
UN-No. (ADN) UN-No. (RID)	: UN 3130 : UN 3130
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: WATER-REACTIVE LIQUID, TOXIC, N.O.S.
Proper Shipping Name (IMDG)	: WATER-REACTIVE LIQUID, TOXIC, N.O.S.
Proper Shipping Name (IATA)	: Water-reactive liquid, toxic, n.o.s.
Proper Shipping Name (ADN)	: WATER-REACTIVE LIQUID, TOXIC, N.O.S.
Proper Shipping Name (RID)	: WATER-REACTIVE LIQUID, TOXIC, N.O.S.
Transport document description (ADR)	: UN 3130 WATER-REACTIVE LIQUID, TOXIC, N.O.S. (Oxalyl chloride), 4.3 (6.1), I, (B/E)
Transport document description (IMDG)	: UN 3130 WATER-REACTIVE LIQUID, TOXIC, N.O.S. (Oxalyl chloride), 4.3 (6.1), I
Transport document description (IATA)	: UN 3130 Water-reactive liquid, toxic, n.o.s. (Oxalyl chloride), 4.3 (6.1), I
Transport document description (ADN)	: UN 3130 WATER-REACTIVE LIQUID, TOXIC, N.O.S. (Oxalyl chloride), 4.3 (6.1), I
Transport document description (RID)	: UN 3130 WATER-REACTIVE LIQUID, TOXIC, N.O.S. (Oxalyl chloride), 4.3 (6.1), I

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.3. Transport hazard class(es)

ADR Transport hazard class(es) (ADR) Danger labels (ADR)	: 4.3 (6.1) : 4.3, 6.1
IMDG Transport hazard class(es) (IMDG) Danger labels (IMDG)	: 4.3 (6.1) : 4.3, 6.1 :
IATA Transport hazard class(es) (IATA) Danger labels (IATA)	: 4.3 (6.1) : 4.3, 6.1 : 4
ADN Transport hazard class(es) (ADN) Danger labels (ADN)	: 4.3 (6.1) : 4.3, 6.1
RID Transport hazard class(es) (RID) Danger labels (RID)	: 4.3 (6.1) : 4.3, 6.1 : 4
14.4. Packing group	
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	: : : :
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant Other information	:No :No :No supplementary information available
14.6. Special precautions for user	
Overland transport Classification code (ADR)	: WT1

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

according to Regulation (EC) No. 1907/2006 (REACH) with	<u> </u>
Special provisions (ADR)	: 274
Limited quantities (ADR)	: 0
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P402
Special packing provisions (ADR)	: RR4, RR8
Mixed packing provisions (ADR)	: MP2
Tank code (ADR)	: L10DH
Tank special provisions (ADR)	: TU14, TE21, TM2
Vehicle for tank carriage	: AT
Transport category (ADR)	: 0
Special provisions for carriage - Packages (ADR)	: V1
Special provisions for carriage - Loading, unloading	: CV23, CV28
and handling (ADR)	
Special provisions for carriage - Operation (ADR)	: S20
Hazard identification number (Kemler No.)	: X362
Orange plates	TIOCO
<u> </u>	X362
	3130
Tunnel restriction code (ADR)	: B/E
EAC code	: 4W
LAC code	. 400
Towns of here of	
Transport by sea	. 70 074
Special provisions (IMDG)	: 76, 274
Limited quantities (IMDG)	: 0
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P402
EmS-No. (Fire)	: F-G
EmS-No. (Spillage)	: S-N
Stowage category (IMDG)	: D
Stowage and handling (IMDG)	: H1
Segregation (IMDG)	: SG26
	: SG26
Air transport	
Air transport PCA Excepted quantities (IATA)	: E0
Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA)	: E0 : Forbidden
Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA)	: E0 : Forbidden : Forbidden
Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA)	: E0 : Forbidden : Forbidden : Forbidden
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Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA)	: E0 : Forbidden : Forbidden : Forbidden : 480 : 1L
Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA)	 E0 Forbidden Forbidden Forbidden Forbidden 480 1L A3, A803
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Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA) Inland waterway transport Classification code (ADN)	 E0 Forbidden Forbidden Forbidden Forbidden 480 1L A3, A803 4PW WT1
Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA) Inland waterway transport Classification code (ADN) Special provisions (ADN)	 E0 Forbidden Forbidden Forbidden Forbidden 480 1L A3, A803 4PW WT1 274, 802
Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA) Inland waterway transport Classification code (ADN) Special provisions (ADN) Limited quantities (ADN)	 E0 Forbidden Forbidden Forbidden Forbidden 480 1L A3, A803 4PW WT1 274, 802 0
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Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA) Inland waterway transport Classification code (ADN) Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Equipment required (ADN) Ventilation (ADN) Provisions for handling and stowage of the cargo (ADN) Number of blue cones/lights (ADN) Rail transport	 E0 Forbidden Forbidden Forbidden Forbidden 480 1L A3, A803 4PW WT1 274, 802 0 E0 PP, EP, EX, TOX, A VE01, VE02 HA08 2
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Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA) Inland waterway transport Classification code (ADN) Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Equipment required (ADN) Ventilation (ADN) Provisions for handling and stowage of the cargo (ADN) Number of blue cones/lights (ADN) Special provisions (RID) Limited quantities (RID)	 E0 Forbidden Forbidden Forbidden Forbidden Forbidden 480 1L A3, A803 4PW WT1 274, 802 0 E0 PP, EP, EX, TOX, A VE01, VE02 HA08 2 WT1 274 0

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Mixed packing provisions (RID)	: MP2
Tank codes for RID tanks (RID)	: L10DH
Special provisions for RID tanks (RID)	: TU14, TU38, TE21, TE22, TM2
Transport category (RID)	: 0
Special provisions for carriage – Packages (RID)	: W1
Special provisions for carriage - Loading, unloading	: CW23, CW28
and handling (RID) Hazard identification number (RID)	: X362

14.7. Transport in bulk according to Annex II of Marpol 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

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)			
Reference code	Applicable on		
3(a)	OXALYL CHLORIDE FOR SYNTHESIS		
3(b)	OXALYL CHLORIDE FOR SYNTHESIS		
40.	OXALYL CHLORIDE FOR SYNTHESIS		

REACH Annex XIV (Authorisation List)

OXALYL CHLORIDE FOR SYNTHESIS is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

OXALYL CHLORIDE FOR SYNTHESIS is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

OXALYL CHLORIDE FOR SYNTHESIS 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)

OXALYL CHLORIDE FOR SYNTHESIS 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)

OXALYL CHLORIDE FOR SYNTHESIS 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

Employment restrictions	:	Observe restrictions according Act on the Protection of Working Mothers (MuSchG).
		Observe restrictions according Act on the Protection of Young People in Employment
		(JArbSchG).
Water hazard class (WGK)	:	WGK 1, Slightly hazardous to water (Classification according to AwSV; ID No. 9482).

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Chemicals Prohibition Ordinance (ChemVerbotsV) Hazardous Incident Ordinance (12. BImSchV)	 This product is subject to ChemVerbotsV Annex 2 Entry 1. The following requirements must be observed: authorization requirement (according to § 6 paragraph 1 sentence 1), basic requirements for carrying out the delivery (according to § 8 paragraph 1, 3 and 4), identification and documentation (according to § 9 paragraph 1 to 3) and exclusion of the shipping route (according to § 10). Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
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 – Borstvoeding	: The substance is not listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: The substance is not listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: The substance is not listed
Denmark	
Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product
Switzerland	
Storage class (LK)	: LK 4.3 - In contact with water, may partially decompose and release combustible gases
Chemicals Ordinance (SR 813.11)	: Group 2
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	
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	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Abbreviations and acronyms:		
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
РВТ	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 disrupting properties	

Full text of H- and EUH-statements:		
Acute Tox. 3 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 3	
H260	In contact with water releases flammable gases which may ignite spontaneously.	
H314	Causes severe skin burns and eye damage.	
H331	Toxic if inhaled.	
H335	May cause respiratory irritation.	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	
Water-react. 1	Substances and Mixtures which, in contact with water, emit flammable gases, Category 1	

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.