

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 15-5-2018 Revision date: 11-6-2024 Supersedes version of: 20-9-2023 Version: 1.3

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

#### **1.1. Product identifier**

Product form	: Mixture
Trade name	: Maestrol
Product code	: 05.20.10
Type of product	: Lubricants
Product group	: Trade product

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

#### 1.2.1. Relevant identified uses

Main use category Use of the substance/mixture : Industrial use,Professional use,Consumer use : Engine oil

#### 1.2.2. Uses advised against

No additional information available

### **1.3. Details of the supplier of the safety data sheet**

Kroon-Oil B.V. Dollegoorweg 15 NL 7602 EC Almelo Netherlands T 0031 (0)546 81 81 65 vib@kroon-oil.nl

#### **1.4. Emergency telephone number**

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Cardiff Centre) University Hospital Llandough	Penlan Road CF64 2XX	0344 892 0111	Only for healthcare professionals

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

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

Not classified

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

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

#### 2.2. Label elements

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

EUH-statements

: EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

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

## Safety Data Sheet

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

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

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

#### Not applicable

#### 3.2. Mixtures

#### Comments

: Highly refined mineral oils and additives.

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS-No.: 64742-47-8 EC-No.: 926-141-6 EC Index-No.: 649-422-00-2 REACH-no: 01-2119456620- 43	10 – 20	Asp. Tox. 1, H304 EUH066
Blend of mineral oils * (*)(Note L)	-	0,3 – 2,5	Asp. Tox. 1, H304

## Specific concentration limits

Name	Product identifier	Specific concentration limits (%)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS-No.: 64742-47-8 EC-No.: 926-141-6 EC Index-No.: 649-422-00-2 REACH-no: 01-2119456620- 43	(25 ≤ C < 100) EUH066

#### Comments

: The highly refined mineral oil contains <3% (w/w) DMSOextract, according to IP346.

*:	*: contains one or more of the following CAS-numbers (REACH registration numbers): 64741-88-4 (01-2119488706-23), 64741-89-5 (01-2119487067-30), 64741-95-3 (01-2119487081-40), 64741-96-4 (01- 2119483621-38), 64741-97-5 (01-2119480374-36), 64742-01-4 (01-2119488707-21), 64742-52-5 (01-2119467170-45), 64742- 53-6 (01-2119480375-34), 64742-54-7 (01-2119484627-25), 64742-55-8 (01-2119487077-29), 64742-56-9 (01-2119480132- 48), 64742-57-0 (01-2119489287-22), 64742-62-7 (01-2119480472-38), 64742-65-0 (01-2119471299-27), 64742-71-8 (01- 2119485040-48), 72623-85-9 (01-2119555262-43), 72623-86-0 (01-2119474878-16), 72623-87-1 (01-2119474889-13), 74869- 22-0 (01-2119495601-36)
Note L:	The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	<ul> <li>If you feel unwell, seek medical advice.</li> <li>Remove person to fresh air and keep comfortable for breathing.</li> <li>Wash skin with plenty of water.</li> <li>Rinse eyes with water as a precaution.</li> <li>Call a poison center or a doctor if you feel unwell.</li> </ul>

# Safety Data Sheet

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

4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/effects	: No additional information available.	
Symptoms/effects after inhalation	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.	
Symptoms/effects after skin contact	: None under normal conditions.	
Symptoms/effects after eye contact Symptoms/effects after ingestion	<ul><li>None under normal conditions.</li><li>None under normal conditions.</li></ul>	

### 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>Water spray. Dry powder. Foam. Carbon dioxide.</li><li>Do not use a heavy water stream.</li></ul>		
5.2. Special hazards arising from the substance or mixture			
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	<ul> <li>No fire hazard.</li> <li>No direct explosion hazard.</li> <li>Toxic fumes may be released.</li> </ul>		
5.3. Advice for firefighters			
Firefighting instructions Protection during firefighting	<ul> <li>Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.</li> <li>Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.</li> </ul>		

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective	equipment and emergency procedures	
General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.	
6.1.1. For non-emergency personnel		
Protective equipment Emergency procedures	<ul><li>Wear recommended personal protective equipment.</li><li>Ventilate spillage area.</li></ul>	
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".	
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so.	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for contain	nment and cleaning up	
For containment	: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to	

Methods for cleaning up Other information	prevent migration and entry into sewers or streams. Stop leak without risks if possible. 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.

## Safety Data Sheet

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

SECTION 7: Handling and storag	e
7.1. Precautions for safe handling	
Additional hazards when processed Precautions for safe handling Hygiene measures	<ul> <li>Not expected to present a significant hazard under anticipated conditions of normal use.</li> <li>Provide good ventilation in process area to prevent formation of vapour.</li> <li>Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.</li> </ul>
7.2. Conditions for safe storage, incl	uding any incompatibilities
Technical measures Storage conditions	<ul> <li>Keep in a cool, well-ventilated place away from heat.</li> <li>Keep container closed when not in use. Keep in a cool, well-ventilated place away from heat.</li> </ul>
Storage temperature Packaging materials	<ul> <li>○ - 40 °C</li> <li>Store always product in container of same material as original container.</li> </ul>
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

Maestrol	
EU - Indicative Occupational Exposure Limit (IOEL)	
Exposure limits/standards for materials that can be formed when handling this product. When mists/aerosols can occur the following is recommended	5 mg/m³ - ACGIH TLV (inhalable fraction).

#### 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:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



## Safety Data Sheet

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

#### 8.2.2.1. Eye and face protection

#### Eye protection:

#### Safety glasses

Eye protection					
Type         Field of application         Characteristics         Standard					
Safety glasses	Droplet	clear	EN 166		

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

### Hand protection:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	≥0.35		EN ISO 374

#### Other skin protection

#### Materials for protective clothing:

Wear suitable protective clothing

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 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	: Liquid
Colour	: brown.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: -24 °C - ASTM D5950 (pour point)
Boiling point	: Not available
Flammability	: Not applicable
Explosive properties	: Presents no particular fire or explosion hazard.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 100 °C - ASTM D93 (PM)
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 64,6 mm²/s (40 °C) - ASTM D7042
Solubility	: Water: Insoluble / Slightly miscible
Partition coefficient n-octanol/water (Log Kow)	: Not available

# Safety Data Sheet

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

Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 0,866 kg/l (15 °C) - ASTM D4052
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable
9.2. Other information	

# 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content	:	0 %

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. Reacts violently with (strong) oxidizers.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

**10.5. Incompatible materials** 

No additional information available

10.6. Hazardous decomposition products

No decomposition if stored normally.

## **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	<ul> <li>Not classified</li> <li>Not classified</li> <li>Not classified</li> </ul>	
Blend of mineral oils *		
LD50 oral rat	> 5000 mg/kg Data from similar product	
LD50 dermal rabbit	> 5000 mg/kg Data from similar product	
LC50 Inhalation - Rat (Dust/Mist)	> 5 mg/l/4h Data from similar product	
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)		
LD50 oral rat	> 5000 mg/kg bodyweight (OECD 401 method)	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
LC50 Inhalation - Rat (Vapours)	> 5,28 mg/l/4h	
Skin corrosion/irritation	Not classified	
Serious eye damage/irritation	: Not classified	

# Safety Data Sheet

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

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	
Maestrol		
Viscosity, kinematic	64,6 mm²/s (40 °C) - ASTM D7042	
Blend of mineral oils *		
Viscosity, kinematic	< 20,5 mm²/s	
Aliphatic, alicyclic or aromatic hydrocarbon	Yes	
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)		
Viscosity, kinematic	2,4 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'	
11.2. Information on other hazards		

No additional information available

## **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)	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. Not classified
Blend of mineral oils *	
LC50 - Fish [1]	> 100 mg/l Data from similar product
EC50 - Crustacea [1]	> 10000 mg/l Data from similar product
EC50 72h - Algae [1]	> 100 mg/l Data from similar product
NOEC chronic crustacea	> 10 mg/l
NOEC chronic algae	> 10 mg/l (Water flea (Daphnia magna), 21 d)
Hydrocarbons, C11-C14, n-alkanes, isoalkane	es, cyclics, < 2% aromatics (64742-47-8)
LC50 - Fish [1]	> 1000 mg/l (OECD 203 method)
EC50 - Crustacea [1]	> 1000 mg/l (OECD 202 method)
EC50 72h - Algae [1]	> 1000 mg/l (OECD 201 method)
NOEC chronic crustacea	1,22 g/l (21d)
NOEC chronic algae	1000 mg/l (OECD 201 method)
12.2. Persistence and degradability	
Maestrol	

Persistence and degradability

11-6-2024 (Revision date) 12-6-2024 (Printing date) Not rapidly degradable

# Safety Data Sheet

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

Blend of mineral oils *		
Persistence and degradability	Not rapidly degradable	
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)		
Persistence and degradability Not rapidly degradable		
Biodegradation	69 % 28d, (OECD 301F method)	
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		
No additional information available		
12.6. Endocrine disrupting properties		
No additional information available		
12.7. Other adverse effects		

No additional information available

SECTION 13: Disposal considerations	s
13.1. Waste treatment methods	
Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Do not allow into drains or water courses. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Do not re-use empty containers.
European List of Waste (LoW, EC 2000/532)	: 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

# **SECTION 14: Transport information**

n accordance with ADR / IMDG / IATA / ADN / RID					
ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1. UN number or ID number					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.2. UN proper shippin	14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport hazard	class(es)			·	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing group					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

## Safety Data Sheet

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

ADR	IMDG	ΙΑΤΑ	ADN	RID
No supplementary information available				
14.6 Special processions for user				

Overland transport

Not applicable

Transport by sea Not applicable

Air transport Not applicable

### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

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

#### 15.1.1. EU-Regulations

#### **REACH Annex XVII (Restriction List)**

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(b)	Blend of mineral oils * ; Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

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

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

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

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

#### PIC Regulation (Prior Informed Consent)

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

### POP Regulation (Persistent Organic Pollutants)

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

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

#### VOC Directive (2004/42)

VOC content

: 0 %

## Safety Data Sheet

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

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

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

#### Drug Precursors Regulation (273/2004)

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

### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### **SECTION 16: Other information**

Indication of changes			
Section	Changed item	Change	Comments
	Revision date	Modified	
	Supersedes	Modified	
	Type of product	Added	
1.2	Function or use category	Removed	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Removed	
4.1	First-aid measures general	Added	
4.2	Symptoms/effects after inhalation	Added	
4.2	Symptoms/effects after skin contact	Added	
4.2	Symptoms/effects after eye contact	Added	
4.2	Symptoms/effects after ingestion	Added	
5.2	Explosion hazard	Added	
5.2	Fire hazard	Modified	
5.2	Hazardous decomposition products in case of fire	Modified	
5.3	Firefighting instructions	Added	
6.1	Emergency procedures	Added	
6.1	Protective equipment	Added	
6.1	General measures	Added	
6.3	For containment	Added	
7.1	Additional hazards when processed	Added	
7.2	Packaging materials	Added	
7.2	Technical measures	Added	
8.2	Personal protective equipment	Added	
13.1	Sewage disposal recommendations	Added	
13.1	Additional information	Added	
13.1	Regional waste regulation	Added	
13.1	H code	Added	

# Safety Data Sheet

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

ADNEuropean Agreement concerning the International Carriage of Dangerous Goods by Inland WaterwaysADREuropean Agreement concerning the International Carriage of Dangerous Goods by RoadATEAcute Toxicity EstimateBCFBioconcentration factorBLVBiological limit valueBODBiochemical oxygen demand (BOD)CODChemical oxygen demand (COD)DMELDerived-Mo Effect LevelDNELDerived-Mo Effect LevelEC-No.European Community numberEC50Median effective concentrationEC50Median effective concentrationInternational Agency for Research on CancerInternational Agency for Research on CancerInternational Art Transport AssociationINDGInternational Art Transport AssociationIDAGLNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAECOccupational Effect EvelNOAECOccupational Effect EvelNOAECNo-Observed Effect ConcentrationNOAELOccupational Exposure LimitPBTPeristent Bioaccumulative ToxicPACERegulations concentrationNOAELOccupational Exposure LimitPBTPeristent Bioaccumulative ToxicPACIDOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPeristent Bioaccumulative ToxicPNECPeristent Bioaccumulative ToxicSPASafety Data SheetS	Abbreviations and	Abbreviations and acronyms:	
ATEAcute Toxicity EstimateBCFBioconcentration factorBLVBioconcentration factorBLVBiocipical limit valueBODBiochemical oxygen demand (BOD)CODChemical oxygen demand (CDD)DMELDerived-No Effect LevelDNELDerived-No Effect LevelEC-No.European Community numberECS0Median effective concentrationENEuropean StandardInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Arransport AssociationIMDGInternational Arransport AssociationIMDGInternational Martime Dargerous GoodsLOAELLowest Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect Level <t< th=""><th>ADN</th><th>European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</th></t<>	ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
BCF         Bioconcentration factor           BLV         Biological limit value           BCD         Biochemical oxygen demand (BOD)           COD         Chemical oxygen demand (COD)           DMEL         Derived Minimal Effect level           DNEL         Derived Non Effect Level           EC-No         European Community number           ECS9         Median effective concentration           ENC         European Standard           IARC         International Agency for Research on Cancer           IATA         International Arit Transport Association           IMDG         International Arit Transport Association           IMDG         International Agency for Research on Cancer           LOS0         Median lethal dose           LOS0         Median lethal dose           LOS0         Median lethal dose           LOS1         No-Observed Adverse Effect Level           NOAEL         No-Observed Effect Concentration           NOAEL         No-Observed Effect Concentration           NOEC         No-Observed Effect Concentration           NOEC         Organisation for Economic Co-operation and Development           OEL         Occupational Exposure Limit           PNEC         Peristent Bioaccumulative Toxic	ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
BI         Biological limit value           BOD         Biochemical oxygen demand (BOD)           COD         Chemical oxygen demand (COD)           DMEL         Derived Minimal Effect level           DNFL         Derived-No Effect Level           EC-No.         European Community number           EC50         Madian effective concentration           EC50         Madian effective concentration           IRC         International Agency for Research on Cancer           IATA         International Adency for Research on Cancer           IAGA         No-Descret Adverse Effect Level           NOAEC         No-Observed Adverse Effect Level           NOEC         No-Observed	ATE	Acute Toxicity Estimate	
Boo         Bioodemical oxygen demand (BOD)           COD         Chemical oxygen demand (BOD)           CDD         Chemical oxygen demand (COD)           DMEL         Derived Minimal Effect level           DNRL         Derived Minimal Effect level           CND         European Community number           EC-No.         European Community number           ECS0         Median effective concentration           ENC         European Standard           IARC         International Agency for Research on Cancer           IATA         International Agency for Research on Cancer           IATA         International Ari Transport Association           IMDG         International Ari Transport Association           IMDG         International Ari Transport Association           IDS0         Median lethal concentration           LOAEL         Lowest Observed Adverse Effect Level           NOAEC         No-Observed Adverse Effect Concentration           NOAEC         No-Observed Effect Concentration           OED         Organisation for Economic Co-operation and Development           OED         Occupational Exposure Limit           PNEC         Predicted No-Effect Concentration           RID         Regulations concenring the International Carriage of Dangerous Goods by R	BCF	Bioconcentration factor	
CODChemical oxygen demand (COD)DMELDerived Minimal Effect levelDNELDerived-No Effect LevelEC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal concentrationLD61Lowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect ConcentrationNOAELNo-Observed Adverse Effect ConcentrationNOECNo-Observed Adverse Effect LevelNOECNo-Observed Effect ConcentrationOELOccupational Exposure LimitPBTPersistent Bioacumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTheoretical axygen demand (ThOD)TLMMedian Tolerance LimitVOCVotalie Organic CompoundsCAS-No.Chemical Abstract Service numberN.O.S.No Otherwise SpecifiedvPvBVery Persistent and Very Bioaccumulative	BLV	Biological limit value	
DMELDerived Minimal Effect levelDNELDerived-No Effect LevelEC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Maritime Dangerous GoodsLC50Median lethal concentrationLD50Median lethal concentrationLD61Lowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAELNo-Observed Adverse Effect LevelNOAECNo-Observed Effect ConcentrationNOECOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSwage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance LimitVOCVolatile Organic CompoundsCAS-No.Not Otherwise SpecifiedNo.S.Not Otherwise SpecifiedVery Persistent and Very Bioaccumulative	BOD	Biochemical oxygen demand (BOD)	
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TLMMedian Tolerance LimitVOCVolatile Organic CompoundsCAS-No.Chemical Abstract Service numberN.O.S.Not Otherwise SpecifiedvPvBVery 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:	
Asp. Tox. 1	Aspiration hazard, Category 1

# Safety Data Sheet

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

Full text of H- and EUH-statements:	
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.
H304	May be fatal if swallowed and enters airways.

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.