

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 8/25/2020 Revision date: 4/11/2024 Supersedes version of: 4/26/2023 Version: 2.0

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

## **1.1. Product identifier**

Product form	: Mixture
Product name	: Taurus SHPD E9 10W-30
Product code	: M432
Type of product	: Mixture of hydrocarbons
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	: Industrial use, Professional use, Consumer use
Industrial/Professional use spec	: For professional use only
	Industrial
Use of the substance/mixture	: Lubricants and additives
Function or use category	: Lubricants and additives

#### 1.2.2. Uses advised against

No additional information available

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

#### Manufacturer

Exol Lubricants Limited Ltd All Saints Road WS10 9LL Wednesbury, West Midlands UK T 0121 568 6800, F 0121 568 6720 sales@exol-lubricants.com, www.exol-lubricants.com

#### 1.4. Emergency telephone number

Emergency number

: 0121 568 6800 Office Hours (08.30 - 17.00)

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	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]
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard,	
Category 3	

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

### Adverse physicochemical, human health and environmental effects

May cause an allergic skin reaction. Harmful 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 Signal word (CLP) : Warning BENZENESULFONIC ACID, METHYL-, MONO-C20-24-BRANCHED ALKYL DERIVS., Contains : CALCIUM SALTS; Alkyl (C18-C28) toluene sulfonic acid, calcium salts, borated; 2,5-Furandione, polymer with 1-hexadecene, 2-methyloxirane polymer with oxirane bis(2aminopropyl) ether and 2-methyl-1-propene, 4-(phenylamino)phenyl imide Hazard statements (CLP) : H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects. Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

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

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	PHENOL, DODECYL-, BRANCHED (121158-58-5)( <sup>2</sup> )
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	PHENOL, DODECYL-, BRANCHED (121158-58-5)( <sup>2</sup> )

(<sup>2</sup>) Substance(s) added in concentration <0.1% on voluntary basis

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 is 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 %

Component	
Substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is 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	PHENOL, DODECYL-, BRANCHED (121158-58-5)(²)

(<sup>2</sup>) Substance(s) added in concentration <0.1% on voluntary basis

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert- butyl-4-hydroxyphenyl)propionate	CAS-No.: 125643-61-0 EC-No.: 406-040-9 EC Index-No.: 607-530-00-7 REACH-no: 01-0000015551- 76	≥1-<2.5	Aquatic Chronic 4, H413
2,5-Furandione, polymer with 1-hexadecene, 2- methyloxirane polymer with oxirane bis(2- aminopropyl) ether and 2-methyl-1-propene, 4- (phenylamino)phenyl imide	CAS-No.: 873694-48-5	≥ 1 – < 2.5	Skin Sens. 1, H317
BENZENESULFONIC ACID, METHYL-, MONO-C20- 24-BRANCHED ALKYL DERIVS., CALCIUM SALTS	CAS-No.: 722503-68-6 REACH-no: Exempted Annex V (*)	≥ 0.25 – < 1	Skin Sens. 1, H317 Aquatic Chronic 4, H413
Alkyl (C18-C28) toluene sulfonic acid, calcium salts, borated	EC-No.: 953-650-0	≥ 0.25 – < 1	Skin Sens. 1B, H317 Repr. 2, H361d
PHENOL, DODECYL-, BRANCHED substance listed as REACH Candidate (Phenol, alkylation products (mainly in para position) with C12- rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP))	CAS-No.: 121158-58-5 EC-No.: 310-154-3 EC Index-No.: 604-092-00-9	< 0.25	Repr. 1A, H360F Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

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 : If you feel unwell, seek medical advice. First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. First-aid measures after eye contact : Rinse eyes with water as a precaution. First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell. 4.2. Most important symptoms and effects, both acute and delayed 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 May cause an allergic skin reaction. 2 Symptoms/effects after eye contact : None under normal conditions. Symptoms/effects after ingestion : None under normal conditions. 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>

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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	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.	
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			
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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.</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 containment and cleaning up		
For containment	: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.	
Methods for cleaning up	: Take up liquid spill into absorbent material.	
Other information	: 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	
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>Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.</li> <li>Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.</li> </ul>
7.2. Conditions for safe storage, including	any incompatibilities
Technical measures Storage conditions Packaging materials	<ul> <li>Keep in a cool, well-ventilated place away from heat.</li> <li>Keep cool. Protect from sunlight.</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

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### **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:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

**Eye protection:** Safety glasses

#### 8.2.2.2. Skin protection

**Skin and body protection:** Wear suitable protective clothing

Hand protection: Protective gloves

#### 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

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## 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

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

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Not classifiedNot classifiedNot classified

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Skin corrosion/irritation	: Not classified pH: No data available.
Serious eye damage/irritation	: Not classified pH: No data available.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
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
Taurus SHPD E9 10W-30	
Viscosity, kinematic	84 mm²/s @ 40 deg C

## **11.2. Information on other hazards**

### **11.2.1. Endocrine disrupting properties**

Component	
PHENOL, DODECYL-, BRANCHED (121158-58-5)	The substance is identified for having endocrine disrupting properties but there is no additional data available

## 11.2.2. Other information

No additional information available

SECTION 12: Ecological information		
12.1. Toxicity		
Hazardous to the aquatic environment, short-term : (acute)	Harmful to aquatic life with long lasting effects. Not classified Harmful to aquatic life with long lasting effects.	
12.2. Persistence and degradability		
Taurus SHPD E9 10W-30		
Persistence and degradability	Not rapidly degradable	
PHENOL, DODECYL-, BRANCHED (121158-58	-5)	
Persistence and degradability	Not rapidly degradable	
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)		
Persistence and degradability	Not rapidly degradable	
BENZENESULFONIC ACID, METHYL-, MONO-C20-24-BRANCHED ALKYL DERIVS., CALCIUM SALTS (722503-68-6)		
Persistence and degradability	Not rapidly degradable	
Alkyl (C18-C28) toluene sulfonic acid, calcium salts, borated		
Persistence and degradability	Not rapidly degradable	
2,5-Furandione, polymer with 1-hexadecene, 2-methyloxirane polymer with oxirane bis(2-aminopropyl) ether and 2-		

2,5-Furancione, polymer with 1-nexadecene, 2-methyloxirane polymethyl-1-propose, 4-(phonylamino)phonyl imido (873694-48-5)

 methyl-1-propene, 4-(phenylamino)phenyl imide (873694-48-5)

 Persistence and degradability
 Not rapidly degradable

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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	
Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	PHENOL, DODECYL-, BRANCHED (121158-58-5)( <sup>2</sup> )
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	PHENOL, DODECYL-, BRANCHED (121158-58-5)( <sup>2</sup> )
( <sup>2</sup> ) Substance(s) added in concentration <0.1% on volum	tary basis
12.6. Endocrine disrupting properties	
Component	
PHENOL, DODECYL-, BRANCHED (121158-58-5)	The substance is identified for having endocrine disrupting properties but there is no additional data available
12.7. Other adverse effects	

No additional information available

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Regional legislation (waste) Waste treatment methods Sewage disposal recommendations Product/Packaging disposal recommendations Additional information	<ul> <li>Disposal must be done according to official regulations.</li> <li>Dispose of contents/container in accordance with licensed collector's sorting instructions.</li> <li>Disposal must be done according to official regulations.</li> <li>Disposal must be done according to official regulations.</li> <li>Do not re-use empty containers.</li> </ul>

## **SECTION 14: Transport information**

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

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber			
UN -	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard o	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 haz	ards			
Dangerous for the environment: No	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary informatic	on available	I		

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#### 14.6. Special precautions for user

## **Overland transport**

No data available

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

Full phrase for REACH registration exemptions	
Component name REACH Registration exemption information	
BENZENESULFONIC ACID, METHYL-, MONO-C20- 24-BRANCHED ALKYL DERIVS., CALCIUM SALTS	

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

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

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

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

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

Contains substance(s) listed on the REACH Candidate List in concentrations  $\geq$  0.1 % or SCL: Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) (EC 310-154-3, CAS 121158-58-5)

#### **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.

#### **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)

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## 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**

Abbreviations and acronyms:           ADN         European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways           ARR         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           ECS0         Median effective concentration           ENR         European Standard           IARC         International Arit Transport Association           IMDG         International Arit Transport Association           IMDG         International Arit Transport Association           IMDG         International Adverse Effect Concentration           LOS0         Median lethal dose           LOAEL         Lowest Observed Adverse Effect Concentration           NOAEC         No-Observed Effect Concentration           NOAEC         No-Observed Effect Concentration           NOAEL         Occupational Exposure Limit	SECTION 16: Other Information		
ADREuropean Agreement concerning the International Carriage of Dangerous Goods by RoadATEAcute Toxicity EstimateBCFBioconcentration factorBLVBiological limit valueBODBiochemical oxygen demand (BOD)CODChemical oxygen demand (COD)DMELDerived Minimal Effect levelDNELDerived Minimal Effect levelEC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Agency for Research on CancerIATAInternational Ari Transport AssociationIDS0Median effective concentrationLD50Median lethal dooseLOAELLowest Observed Adverse Effect LevelNAECNo-Observed Adverse Effect LevelNOAECNo-Observed Effect ConcentrationNOAECNo-Observed Effect ConcentrationNOAECNo-Observed Effect ConcentrationNOAECNo-Observed International Caringe of Dangerous Goods by RailSDSSafety Data SheetSDSSafety Data SheetSDSSafety Data SheetSDSSafety Data SheetSDSSafety Data SheetSDSSafety Data SheetSDASheet CompoundsCAS-No.Chemical Abstr	Abbreviations and acr	ronyms:	
ATEAcute Toxicity EstimateBCFBioconcentration factorBLVBiological limit valueBODBiochemical oxygen demand (BOD)CODChemical oxygen demand (COD)DMELDerived Minimal Effect levelDNELDerived-No Effect LevelEC-No.European Community numberEC50Median effective concentrationENEuropean StandardIARCInternational Agency for Research on CancerIATAInternational Adverse Effect LevelNOAECMedian lethal doseLOAELLowest Observed Adverse Effect LevelNOAECNo-Observed Adverse Effect LevelNOAECNo-Observed Effect ConcentrationNOAELNo-Observed Effect ConcentrationNOAELOrganisation for Economic Co-operation and DevelopmentOELOccupational Exposure LimitPBTPersistent Bioaccumulative ToxicPNECPredicted No-Effect ConcentrationRIDRegulations concerning the International Carriage of Dangerous Goods by RailSDSSafety Data SheetSTPSewage treatment plantThODTeoretical oxygen dem	ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
BCF         Biooncentration 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           ECS0         Median effective concentration           EN         European Standard           IARC         International Agency for Research on Cancer           IATA         International Agency for Research on Cancer           IASE         No-Observed Adverse Effe	ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
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 Community number           IARC         International Agency for Research on Cancer           IATA         International Agency for Research on Cancer           IATA         International Agency for Research on Cancer           IATA         International Maritime Dangerous Goods           LC50         Median ethal concentration           IDG         International Maritime Dangerous Goods           LC50         Median lethal dose           LOAEL         Lowest Observed Adverse Effect Level           NOAEC         No-Observed Adverse Effect Concentration           NOAEC         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	ATE	Acute Toxicity Estimate	
BOD       Blochemical oxygen demand (BOD)         COD       Chemical oxygen demand (COD)         DMEL       Derived Minimal Effect level         DNEL       Derived-No Effect Level         EC-No.       European Community number         ECS0       Median effective concentration         EN       European Standard         IARC       International Agency for Research on Cancer         IATA       International Agency for Research on Cancer         IATA       International Maritime Dangerous Goods         LCS0       Median lethal concentration         LD50       Median lethal concentration         LD50       Median lethal concentration         LD50       Median lethal concentration         NOAEC       No-Observed Adverse Effect Level         NOAEL       No-Observed Adverse Effect Level         NOAEL       No-Observed Effect Concentration         OECD       Organisation for Economic Co-operation and Development         OEL       Occupational Exposure Limit         PBT       Persistent Bioaccumulative Toxic         PNEC       Predicted No-Effect Concentration         RID       Regulations concerning the International Carriage of Dangerous Goods by Rail         SDS       Safey Data Sheet       STP      <	BCF	Bioconcentration factor	
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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	PNEC	Predicted No-Effect Concentration	
STPSewage treatment plantThODTheoretical oxygen demand (ThOD)TLMMedian Tolerance LimitVOCVolatile Organic CompoundsCAS-No.Chemical Abstract Service number	RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
ThOD       Theoretical oxygen demand (ThOD)         TLM       Median Tolerance Limit         VOC       Volatile Organic Compounds         CAS-No.       Chemical Abstract Service number	SDS	Safety Data Sheet	
TLM     Median Tolerance Limit       VOC     Volatile Organic Compounds       CAS-No.     Chemical Abstract Service number	STP	Sewage treatment plant	
VOC     Volatile Organic Compounds       CAS-No.     Chemical Abstract Service number	ThOD	Theoretical oxygen demand (ThOD)	
CAS-No. Chemical Abstract Service number	TLM	Median Tolerance Limit	
	VOC	Volatile Organic Compounds	
	CAS-No.	Chemical Abstract Service number	
N.O.S. Not Otherwise Specified	N.O.S.	Not Otherwise Specified	

## Safety Data Sheet

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

Abbreviations and acronyms:	
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EU	Full text of H- and EUH-statements:	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1	
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
H314	Causes severe skin burns and eye damage.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H360F	May damage fertility.	
H361d	Suspected of damaging the unborn child.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
H413	May cause long lasting harmful effects to aquatic life.	
Repr. 1A	Reproductive toxicity, Category 1A	
Repr. 2	Reproductive toxicity, Category 2	
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	

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.