

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 24-2-2017 Revision date: 20-6-2024 Supersedes version of: 12-7-2022 Version: 3.1

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

#### 1.1. Product identifier

Product form : Mixture
Product name : Ontstopper

UFI : 0SUN-0N76-V30C-4XJK

Product code : 272383

Type of product : Detergent

Product group : Cleaning product

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

#### Relevant identified uses

Main use category : Professional use Industrial/Professional use spec : Wide dispersive use

Use of the substance/mixture : The information given in this MSDS concerns the product and is given on the assumption

mentioned in section 1.1, that the product will be used in the manner and for the purposes

indicated by the manufacturer.

Use of the substance/mixture : Drain cleaning products

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

#### Distributor

JeFo Ship Supply Roomweg 6-B NL 8334 NR Tuk Nederland

T+31(0)683701219

info@jefoshipsupply.nl, www.jefoshipsupply.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 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	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]

Corrosive to metals, Category 1 H290 Skin corrosion/irritation, Category 1, Sub-Category 1A H314

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

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

May be corrosive to metals. Causes severe skin burns and eye damage.

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#### 2.2. Label elements

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

Hazard pictograms (CLP)

GHS05

Signal word (CLP) : Danger.
Contains : Sulphuric acid

Hazard statements (CLP) : H290 - May be corrosive to metals.

H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP) : P280 - Wear eye protection, protective gloves, Protective clothing, Face shield.

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

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, a POISON CENTER. P390 - Absorb spillage to prevent material damage.

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

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**

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sulphuric acid substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 7664-93-9 EC-No.: 231-639-5 EC Index-No.: 016-020-00-8 REACH-no: 01-2119458838- 20	≥ 50	Skin Corr. 1A, H314

Specific concentration limits:	concentration limits:		
Name	Product identifier	Specific concentration limits (%)	
Sulphuric acid	EC-No.: 231-639-5	(5 ≤ C < 15) Eye Irrit. 2; H319 (5 ≤ C < 15) Skin Irrit. 2; H315 (15 ≤ C < 100) Skin Corr. 1A; H314	

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

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#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible). Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get immediate medical

advice/attention.

First-aid measures after skin contact : Rinse skin 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 : Causes severe skin burns and eye damage.

Symptoms/effects after inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact : Burns.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Burns.

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

No additional information available

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

# 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Clean up any spills as soon as possible, using an absorbent material to collect it.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Avoid contact with skin and eyes. Do not breathe vapours, gas, mist, fume, spray, dust. Do

not touch or walk on the spilled product. Only qualified personnel equipped with suitable

protective equipment may intervene.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Wear recommended

personal protective equipment. For further information refer to section 8: "Exposure

controls/personal protection".

Emergency procedures : Ventilate area. Do not touch spilled material.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : At

: Absorb spilled material with sand or earth. Absorb remaining liquid with sand or inert absorbent and remove to safe place.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not

breathe vapours, gas, mist, fume, spray, dust. Wear personal protective equipment. Do not

handle until all safety precautions have been read and understood.

Hygiene measures : 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

Technical measures : Comply with applicable regulations.

Storage conditions : Store in corrosive resistant container with a resistant inner liner. Keep only in original

container. Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Incompatible materials : Metals.

### 7.3. Specific end use(s)

No additional information available

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

National occupational exposure and biological limit values

ulphuric acid (7664-93-9)		
EU - Indicative Occupational Exposure Limit (IOEL)	EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Sulphuric acid (mist)	
IOEL TWA	0,05 mg/m³	
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU	
United Kingdom - Occupational Exposure Limits		
Local name	Sulphuric acid	
WEL TWA (OEL TWA)	0,05 mg/m³ mist	
Remark	The mist is defined as the thoracic fraction	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

#### **DNEL and PNEC**

Sulphuric acid (7664-93-9)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	0,1 mg/m³
Long-term - local effects, inhalation	0,05 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0,0025 mg/l

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ulphuric acid (7664-93-9)	
PNEC aqua (marine water)	0,00025 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0,002 mg/kg dwt
PNEC sediment (marine water)	0,002 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	8,8 mg/l

# 8.2. Exposure controls

#### Personal protection equipment

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









#### Eye and face protection

#### Eye protection:

Wear security glasses which protect from splashes (EN ISO16321 CH)

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses, Face shield	Protection for Liquid particles, Droplet	With side shields	EN ISO 16321 CH

#### Skin protection

# Skin and body protection:

Wear impervious rubber safety shoes (EN ISO 20345 S7). Long sleeved protective clothing (EN 14605)

#### Hand protection:

Protective gloves. Vitron rubber black (not disposable)

Hand protection	Hand protection				
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Viton® II	6 (> 480 minutes)	0,3	2 (< 1.5)	EN ISO 374

### **Respiratory protection**

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Respiratory protection	espiratory protection		
Device	Filter type	Condition	Standard
Full face respirator	ABEK, Type P2	Vapour protection	EN 140

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

# 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colourless to slightly yellow.

Appearance : Clear.
Odour : Odourless.

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Odour threshold : Not available Melting point : -10 °C -10 °C Freezing point 310 °C Boiling point Flammability Not available Lower explosion limit Not available Upper explosion limit Not available Flash point Not available Auto-ignition temperature : Not available Decomposition temperature : Not available : 0,5 – 1 рΗ : 10 % pH solution concentration Viscosity, kinematic : 11,771 mm<sup>2</sup>/s : 21,6 mPa·s Viscosity, dynamic Solubility : completely soluble. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : < 0.0001 hPa Vapour pressure at 50°C : Not available Density 1,835 g/cm<sup>3</sup> Relative density : Not available : Not available Relative vapour density at 20°C Particle characteristics : Not applicable

#### 9.2. Other information

No additional information available

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

No additional information available

#### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

Strong bases. metals.

#### 10.6. Hazardous decomposition products

No additional information available

# **SECTION 11: Toxicological information**

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Sulphuric acid (7664-93-9)	
LD50 oral rat	2140 mg/kg bodyweight Animal: rat, 95% CL: 1540 - 2990
LC50 Inhalation - Rat	0,375 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

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Skin corrosion/irritation	: Causes severe skin burns. pH: 0,5 – 1
Serious eye damage/irritation	: Assumed to cause serious eye damage pH: 0,5 – 1
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

Ontstopper		
	Viscosity, kinematic	11,771 mm²/s

# 11.2. Information on other hazards

No additional information available

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Aspiration hazard

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Hazardous to the aquatic environment, short-term

: Not classified (Based on available data, the classification criteria are not met)

: Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term

: Not classified (Based on available data, the classification criteria are not met)

(chronic)

Ontstopper	
LC50 - Fish [1]	16 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	> 100 mg/l
Sulphuric acid (7664-93-9)	
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	0,15 mg/l Test organisms (species): other:Tanytarsus dissimilis
NOEC chronic fish	0,31 mg/l Test organisms (species): Salvelinus fontinalis

# 12.2. Persistence and degradability

Ontstopper	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Sulphuric acid (7664-93-9)	
Persistence and degradability	Rapidly degradable

#### 12.3. Bioaccumulative potential

No additional information available

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#### 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

Other adverse effects : May cause pH changes in aqueous ecological systems.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional waste regulation

Waste treatment methods

Product/Packaging disposal recommendations

Ecological waste information

European List of Waste (LoW, EC 2000/532)

**HP Code** 

: Disposal must be done according to official regulations.

 $: \ \, \text{Dispose of contents/container in accordance with licensed collector's sorting instructions}.$ 

: Dispose in a safe manner in accordance with local/national regulations.

: Avoid release to the environment.

: 20 01 29\* - detergents containing dangerous substances

: HP8 - "Corrosive:" waste which on application can cause skin corrosion.

# **SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID
4.1. UN number or ID n	umber			
UN 1830	UN 1830	UN 1830	UN 1830	UN 1830
14.2. UN proper shippin	g name			
SULPHURIC ACID	SULPHURIC ACID	Sulphuric acid	SULPHURIC ACID	SULPHURIC ACID
Fransport document descr	iption			
UN 1830 SULPHURIC ACID, 8, II, (E)	UN 1830 SULPHURIC ACID, 8, II	UN 1830 Sulphuric acid, 8,	UN 1830 SULPHURIC ACID, 8, II	UN 1830 SULPHURIC ACID, 8, II
14.3. Transport hazard o	class(es)			
8	8	8	8	8
8	B	8	8	B
14.4. Packing group				
II	II	II	II	II
14.5. Environmental haz	ards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-A EmS-No. (Spillage): S-B	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information	n available	<u> </u>		<u> </u>

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#### 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) : C1
Limited quantities (ADR) : 11
Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02
Mixed packing provisions (ADR) : MP15
Portable tank and bulk container instructions (ADR) : T8
Portable tank and bulk container special provisions : TP2

(ADR)

Tank code (ADR) : L4BN
Vehicle for tank carriage : AT
Transport category (ADR) : 2

Hazard identification number (Kemler No.) : 80
Orange plates : 8

80 1830

Tunnel restriction code (ADR) : E EAC code : 2P

#### Transport by sea

Limited quantities (IMDG) : 1L Excepted quantities (IMDG) : E2 Packing instructions (IMDG) : P001 IBC packing instructions (IMDG) : IBC02 IBC special provisions (IMDG) : B20 Tank instructions (IMDG) : T8 Tank special provisions (IMDG) : TP2 Stowage category (IMDG) : C Stowage and handling (IMDG) : SW15

Properties and observations (IMDG) : Colourless, oily liquid, mixture over 1.41 up to 1.84 relative density. In the presence of

moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous

membranes.

# Air transport

: E2 PCA Excepted quantities (IATA) 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 ERG code (IATA) 8L

#### **Inland waterway transport**

Classification code (ADN) : C1
Limited quantities (ADN) : 1 L

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) : C1
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) : T8

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Portable tank and bulk container special provisions : TP

(RID)

Tank codes for RID tanks (RID) : L4BN
Transport category (RID) : 2
Colis express (express parcels) (RID) : CE6
Hazard identification number (RID) : 80

#### 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

#### **EU-Regulations**

#### **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 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.

#### **Detergent Regulation (648/2004)**

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

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **ANNEX I RESTRICTED EXPLOSIVES PRECURSORS**

List of substances which are not to be made available to, or introduced, possessed or used by, members of the general public, whether on their own or in mixtures or substances that include those substances, unless the concentration is equal to or lower than the limit values set out in column 2, and for which suspicious transactions and significant disappearances and thefts are to be reported within 24 hours.

Name	CAS-No.	Limit value	Article 5(3)	Combined Nomenclature (CN) code for a separate chemically defined compound meeting the requirements of Note 1 to Chapter 28 or 29 of the CN, respectively	code for mixture without
Sulphuric acid	7664-93-9	15 % w/w	40 % w/w	ex 2807 00 00	ex 3824 99 96

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

Contains 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)

Name	CN designation	CAS-No.	CN code	Category, Subcategory	Threshold	Annex
Sulphuric acid		7664-93-9	2807 00 00	Category 3		Annex I

# 15.2. Chemical safety assessment

No additional information available

# **SECTION 16: Other information**

Indication of changes		
Section	Changed item	Comments
	Supersedes	Modified
	Revision date	Modified
1.1	UFI on SDS 1.1	Added
1.2	Use of the substance/mixture	Modified
1.2	Function or use category	Removed
4.1	First-aid measures after skin contact	Modified
6.3	Methods for cleaning up	Modified
8.2	Skin and body protection	Modified
8.2	Eye protection	Modified
8.2	Hand protection	Modified
9	Concentration of the solution used for the pH measurement	Added

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	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC50	Median effective concentration	
IARC	International Agency for Research on Cancer	
IATA	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	

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Abbreviations and acr	Abbreviations and acronyms:		
NOAEL	No-Observed Adverse Effect Level		
NOEC	No-Observed Effect Concentration		
OECD	Organisation for Economic Co-operation and Development		
PBT	Persistent Bioaccumulative Toxic		
PNEC	Predicted No-Effect Concentration		
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006		
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail		
STP	Sewage treatment plant		
TLM	Median Tolerance Limit		
SDS	Safety Data Sheet		
vPvB	Very Persistent and Very Bioaccumulative		
BLV	Biological limit value		
BOD	Biochemical oxygen demand (BOD)		
COD	Chemical oxygen demand (COD)		
EC-No.	European Community number		
EN	European Standard		
OEL	Occupational Exposure Limit		
ThOD	Theoretical oxygen demand (ThOD)		
VOC	Volatile Organic Compounds		
CAS-No.	Chemical Abstract Service number		
N.O.S.	Not Otherwise Specified		
ED	Endocrine disruptor		

Data sources

Other information

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:		
EUH210	Safety data sheet available on request.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H290	May be corrosive to metals.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H319	Causes serious eye irritation.	

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Full text of H- and EUH-statements:		
Skin Corr. 1A Skin corrosion/irritation, Category 1, Sub-Category 1A		
Skin Irrit. 2	in Irrit. 2 Skin corrosion/irritation, Category 2	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Met. Corr. 1	H290	Calculation method
Skin Corr. 1A	H314	On basis of test data

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.