

## Safety Data Sheet

according to UK REACH Regulation

### All Purpose Cleaner

Revision date: 27.09.2022

Product code: 1820ONY

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

### 1.1. Product identifier

All Purpose Cleaner

UFI: C480-SF25-HP1N-19F1

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

#### Use of the substance/mixture

Cleaner Concentrate

#### Uses advised against

Reserved for industrial and professional use.

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

Company name: Onyx Coating GmbH  
Street: Hardenbergstr. 12  
Place: D-10623 Berlin  
Telephone: +49 (0) 30 887889772  
e-mail: info@onyxcoating.com  
Internet: www.onyxcoating.com

**1.4. Emergency telephone number:** +49 (0) 30 887889772

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### GB CLP Regulation

Eye Dam. 1; H318  
Skin Sens. 1; H317  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### GB CLP Regulation

#### Hazard components for labelling

Isotridecanol, ethoxylated (>5-20 EO)<sup>1</sup>, Orange, sweet, ext., Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO), Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

**Signal word:** Danger

**Pictograms:**



#### Hazard statements

H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P280 Wear protective gloves and eye/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
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 POISON CENTER/doctor.

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P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

#### Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

#### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Avoid contact with eyes.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

see below Labelling for contents according to regulation (EC) No. 648/2004, Additional information: limonene <5%, alkanolamines, glycol ether

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
7320-34-5	Tetrapotassium pyrophosphate			1 - < 5 %
	230-785-7		01-2119489369-18	
	Eye Irrit. 2; H319			
69011-36-5	Isotridecanol, ethoxylated (>5-20 EO) <sup>1</sup>			1 - < 5 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			
8028-48-6	Orange, sweet, ext.			1 - < 5 %
	232-433-8		01-2119493353-35	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Chronic 2; H226 H315 H317 H304 H411			
1569-01-3	1-propoxypropan-2-ol			1 - < 5 %
	216-372-4		01-2119474443-37	
	Flam. Liq. 3, Eye Irrit. 2; H226 H319			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)			1 - < 5 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
122-99-6	2-phenoxyethanol			< 1 %
	204-589-7	603-098-00-9	01-2119488943-21	
	Acute Tox. 4, Eye Dam. 1, STOT SE 3; H302 H318 H335			
4299-07-4	2-n-butyl-benzo[d]isothiazol-3-one			< 0.1 %
	420-590-7	606-079-00-3	01-0000016721-74	
	Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H314 H318 H317 H400 H410			
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine			< 0.1 %
	219-145-8		01-2119980592-29	
	Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H301 H314 H318 H373 H400 H410			

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

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#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
69011-36-5		Isotridecanol, ethoxylated (>5-20 EO) <sup>1</sup>	1 - < 5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
8028-48-6	232-433-8	Orange, sweet, ext.	1 - < 5 %
		dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg	
1569-01-3	216-372-4	1-propoxypropan-2-ol	1 - < 5 %
		dermal: LD50 = 3600-4500 mg/kg; oral: LD50 = 2000-4300 mg/kg	
68891-38-3	500-234-8	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)	1 - < 5 %
		dermal: LD50 = >4000 mg/kg; oral: LD50 = >8000 mg/kg Eye Dam. 1; H318: >= 10 - 100 Eye Irrit. 2; H319: >= 5 - < 10	
122-99-6	204-589-7	2-phenoxyethanol	< 1 %
		dermal: LD50 = >2000 mg/kg; oral: ATE 1394 mg/kg	
4299-07-4	420-590-7	2-n-butyl-benzo[d]isothiazol-3-one	< 0.1 %
		Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=10	
2372-82-9	219-145-8	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	< 0.1 %
		oral: ATE = 100 mg/kg Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=1	

#### Labelling for contents according to Regulation (EC) No 648/2004

< 5 % phosphates, < 5 % non-ionic surfactants, < 5 % anionic surfactants, perfumes (Limonene), preservation agents (PHENOXYETHANOL, BUTYLBENZISOTHIAZOLINONE, LAURYLAMINE DIPROPYLENEDIAMINE).

#### Further Information

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

<sup>1</sup> The substance does not require registration according to Regulation (EC) No 1907/2006 [REACH]. Art.2 Abs.9 (Polymer)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air.

#### After contact with skin

After cleaning apply high-fat content skin care cream.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water.

Get immediate medical advice/attention.

Let water be drunken in little sips (dilution effect).

### 4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

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

Give Dimeticon (Defoamer).

Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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#### **Suitable extinguishing media**

The product itself does not burn.  
Co-ordinate fire-fighting measures to the fire surroundings.

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

No special fire protection measures are necessary.

#### **5.3. Advice for firefighters**

No special fire protection measures are necessary.

### SECTION 6: Accidental release measures

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

##### **General advice**

The following must be prevented:  
skin contact.  
Eye contact.

#### **6.2. Environmental precautions**

Suitable material for diluting or neutralizing:  
Water.

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

##### **Other information**

Methods of cleaning - small amounts of spilled material: Dilute with plenty of water.  
Methods of cleaning - large amounts of spilled material: Take up mechanically, placing in appropriate containers for disposal.

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Avoid the formation of aerosol.

##### **Advice on protection against fire and explosion**

Not combustible.

##### **Advice on general occupational hygiene**

Avoid contact with eyes.  
Wash hands before breaks and after work.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Store only in original container.  
Ensure adequate ventilation of the storage area.

##### **Hints on joint storage**

No special precautionary measures are necessary.

##### **Further information on storage conditions**

Recommended storage temperature: up to °C: 30

#### **7.3. Specific end use(s)**

Automotive cleaning products

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

#### **8.2. Exposure controls**

Individual protection measures, such as personal protective equipment

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#### Eye/face protection

Recommendation: bottling and transfer. Tightly sealed safety glasses.

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves are to be worn:

CR (polychloroprene, chloroprene rubber) (Thickness of the glove material: 0,5mm)

NBR (Nitrile rubber) (Thickness of the glove material: 0,35mm)

FKM (fluoro rubber) (Thickness of the glove material: 0,4mm)

NR (Natural rubber (Caoutchouc), Natural latex). (Thickness of the glove material: 0,35mm)

#### Skin protection

Body protection: not required.

#### Respiratory protection

Respiratory protection not required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	green clear	
Odour:	fruity	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		101 °C
Flammability:		not applicable
		not determined
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		>100 °C
Auto-ignition temperature:		>250 °C
Decomposition temperature:		not determined
pH-Value (at 20 °C):		10,5-11,0
Water solubility:		complete miscible
Solubility in other solvents		
	not determined	
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		approx. 23 hPa
Density (at 20 °C):		1,01 g/cm <sup>3</sup>
Relative vapour density:		not determined

### 9.2. Other information

#### Information with regard to physical hazard classes

Explosive properties

not applicable

Self-ignition temperature

Solid:

not applicable

Gas:

not determined

Oxidizing properties

not oxidizing.

#### Other safety characteristics

Evaporation rate:

not determined

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Solvent separation test:	not determined
Solvent content:	9%
Viscosity / dynamic:	not determined

#### Further Information

Not combustible.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No risks worthy of mention.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No risks worthy of mention.

### 10.4. Conditions to avoid

No risks worthy of mention.

### 10.5. Incompatible materials

none

### 10.6. Hazardous decomposition products

No risks worthy of mention.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in GB CLP Regulation

#### Acute toxicity

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
69011-36-5	Isotridecanol, ethoxylated (>5-20 EO) <sup>1</sup>				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
8028-48-6	Orange, sweet, ext.				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >5000 mg/kg	Rat		
1569-01-3	1-propoxypropan-2-ol				
	oral	LD50 2000-4300 mg/kg	Rat		
	dermal	LD50 3600-4500 mg/kg	Rabbit		
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)				
	oral	LD50 >8000 mg/kg	Rat		
	dermal	LD50 >4000 mg/kg	Rat		
122-99-6	2-phenoxyethanol				
	oral	ATE 1394 mg/kg			
	dermal	LD50 >2000 mg/kg	Rabbit		
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine				
	oral	ATE 100 mg/kg			

#### Irritation and corrosivity

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Causes serious eye damage.

#### Sensitising effects

May cause an allergic skin reaction. (Orange, sweet, ext.; 2-n-butyl-benzo[d]isothiazol-3-one)

May cause sensitization by skin contact. (Limonene)

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

#### 11.2. Information on other hazards

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#### Other information

Has de-greasing effect on the skin.

After cleaning apply high-fat content skin care cream.

### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
69011-36-5	Isotridecanol, ethoxylated (>5-20 EO) <sup>1</sup>					
	Acute fish toxicity	LC50 >1-10 mg/l	96 h	Cyprinus carpio	OECD TG 203	
	Acute algae toxicity	ErC50 >1-10 mg/l	72 h	Scenedesmus subspicatus	OECD TG 201	
	Acute crustacea toxicity	EC50 >1-10 mg/l	48 h	Daphnia magna	OECD TG 202	
8028-48-6	Orange, sweet, ext.					
	Acute fish toxicity	LC50 5,6 mg/l	96 h	Danio rerio	OECD 203 Lebertz 2011	
	Acute algae toxicity	ErC50 150 mg/l	72 h	Desmodesmus subspicatus	OECD 201 Lebertz 2007	
	Acute crustacea toxicity	EC50 8,6 mg/l	48 h	Daphnia magna	OECD 202 Lebertz 2007	
	Algae toxicity	NOEC 50 mg/l		Desmodesmus subspicatus	OECD 201 Lebertz 2007	
1569-01-3	1-propoxypropan-2-ol					
	Acute fish toxicity	LC50 >100 mg/l	96 h			
	Acute algae toxicity	ErC50 1466 mg/l		selenastrum capricornutum		
	Acute crustacea toxicity	EC50 3600 mg/l	48 h	daphnia magna		
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)					
	Acute fish toxicity	LC50 7,1 mg/l	96 h			
	Acute algae toxicity	ErC50 27,7 mg/l	72 h	Desmodesmus subspicatus		
	Acute crustacea toxicity	EC50 7,2 mg/l	48 h	Daphnia magna		
	Algae toxicity	NOEC 0,95 mg/l	3 d	Scenedesmus subspicatus		
	Crustacea toxicity	NOEC 0,27 mg/l	21 d	Daphnia magna		
122-99-6	2-phenoxyethanol					
	Acute fish toxicity	LC50 220 - 460 mg/l	96 h	Leuciscus idus		
	Acute algae toxicity	ErC50 > 500 mg/l	72 h	Scenedesmus sp.		
	Acute crustacea toxicity	EC50 > 500 mg/l	48 h	Daphnia magna		

#### 12.2. Persistence and degradability

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.



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CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
69011-36-5	Isotridecanol, ethoxylated (>5-20 EO) <sup>1</sup>				
	OECD-Richtlinie 301 A		>70%	28	
	Easily biodegradable (concerning to the criteria of the OECD)				
	OECD-Richtlinie 301 B		>60%	28	
	Easily biodegradable (concerning to the criteria of the OECD)				
8028-48-6	Orange, sweet, ext.				
	OECD 301B		72-83,4%	28	
	leicht biologisch abbaubar				
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)				
	OECD 301 B		100%	28	
	Easily biodegradable (concerning to the criteria of the OECD)				

#### 12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
69011-36-5	Isotridecanol, ethoxylated (>5-20 EO) <sup>1</sup>	2,4
1569-01-3	1-propoxypropan-2-ol	0,49
122-99-6	2-phenoxyethanol	1,16

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No risks worthy of mention.

#### Further information

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

Chemical Oxygen Demand (COD) [mg O<sub>2</sub>/g Produkt]: 420

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

##### List of Wastes Code - residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

##### List of Wastes Code - contaminated packaging

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150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

#### Contaminated packaging

Water.

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

Consult supplier about waste disposal.

Cleaned containers may be recycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** No dangerous good in sense of these transport regulations.  
**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

2004/42/EC (VOC): Volatile organic compounds (VOC) content in percent by weight: 9

##### Additional information

Regulation (EC) No. 648/2004 (Detergents regulation):

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable not applicable

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation

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according to Annex XIV of REACH: none

#### National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

#### 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Tetrapotassium pyrophosphate

Orange, sweet, ext.

1-propoxypropan-2-ol

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)

2-phenoxyethanol

2-n-butyl-benzo[d]isothiazol-3-one

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

### SECTION 16: Other information

#### Abbreviations and acronyms

2003/15/EG: contains a list of allergenic fragrance substances

648/2004 (EG): Detergents Regulation

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

TLV: Threshold Limiting Value (is a level to which it is believed a worker can be exposed day after day for a working lifetime without adverse effects)

ATEmix: Acute Toxicity Estimates of a mixture

CAS: Chemical Abstracts Service (subdivision of the American Chemical Society)

CAS no: a unique numerical identifier assigned by Chemical Abstracts Service to every chemical substance (rarely a group of substances), described in the open scientific literature

CLP, 1272/2008 (EC): Regulation of the European Parliament on Classification, Labelling and Packaging of Substances and Mixtures

COD: chemical oxygen demand

DNEL: Derived No Effect Level

EC50: half maximal effective concentration (toxicity value), effect on 50% of the test population

EC: European Community

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

EN: European Standards

ErC50: median inhibitory concentration of growth rate (algal inhibition test), effect on 50% of the test population

EUH-phrase (-Code): precautionary statement (EC-specified, not derived from GHS)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals (of the United Nations)

hPa: Hectopascal (1000 hPa = 1 bar)

H-phrase (-Code): hazardous statement

IATA: International Air Transport Association

IBC-Code: The IBC Code provides an international standard for the safe carriage in bulk by sea of dangerous chemicals

ICAO: International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

ISO: International Organization for Standardization

IUCLID: International Uniform Chemical Information Database

LC50: median lethal (killing) concentration (toxicity value), effect on 50% of the test population

LD50: median lethal (killing) dose, effect on 50% of the test population

log Kow: partition-coefficient between octanol and water (measures how hydrophilic or hydrophobic a chemical substance is)

MARPOL: Maritime Pollution Convention

OECD: Organisation for Economic Co-operation and Development

OECD 301 (A-F): methods for determination of biodegradability

PBT: persistent, bioaccumulative and toxic (substances that have high resistance to degradation from abiotic and biotic factors, high mobility in the environment and high toxicity)

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PNEC: Predicted No Effect Concentration  
 ppm: parts per million, 10000ppm=1%  
 P-phrase (-Code): precautionary statement  
 REACH, 1907/2006 (EC): Registration, Evaluation, Authorisation and Restriction of Chemicals  
 RID: Regulation concerning the Carriage of Dangerous Goods by Rail (  
 STOT RE: Specific Target Organ Toxicity (repeated exposure)  
 STOT SE: Specific Target Organ Toxicity (single exposure)  
 UN: United Nations  
 VOC: Volatile Organic Compounds  
 vPvB: very persistent and very bioaccumulative (s.PBT)

#### Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

#### Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*