

# Top Off



Version number: 6  
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Replaces SDS: 2020-12-15

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

### 1.1. Product identifier

**Trade name**

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**UFI code**

EGA9-1EDH-J11S-VJV0

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

**Relevant identified uses**

Fat Solvent for professional users.

**Not suitable for use in**

All other uses are discouraged.

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

**Supplier**

Premiere Produkter AS

Austbøsletta 6

4085 Hundvåg

Norway

+47 51 85 83 00

post@premiere-produkter.no

www.premiere-produkter.no

### 1.4. Emergency telephone number

Poison central tlf: (+47) 22 59 13 00

**Available outside office hours** Yes

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

#### **Classification**

Skin irritation, hazard category 2

Eye irritation, hazard category 2

#### **Hazard statements**

H315, H319

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

#### **Hazard pictograms**



#### **Signal word**

Warning

#### **Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

#### **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

### 2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1 307-055-2 01-2119489924-20-xxxx -	5 - <12%	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H315, H318, H412 - -	Eye Irrit. 2; H319: 10% < C ≤15% Eye Dam. 1; H318: C > 15%
ethanol	64-17-5 200-578-6 01-2119457610-43-xxxx 603-002-00-5	1 - 5%	Flam. Liq. 2	H225 - -	-
sodium p-cumenesulphonate	15763-76-5 239-854-6 01-2119489411-37-xxxx -	1 - 5%	Eye Irrit. 2	H319 - -	-
alcohols, C12-14, ethoxylated	68439-50-9 - 01-2119487984-16-xxxx -	1 - <3%	Acute Tox. 4 - oral, Eye Dam. 1, Aquatic Chronic 3	H302, H318, H412 - -	-
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 500-234-8 01-2119488639-16-xxxx -	1 - <3%	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H315, H318, H412 - -	Eye Dam.1: C ≥10% Eye Irrit.2: 5% ≤ C < 10%

#### **Substance additional information**

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### **Description of first aid measures**

First responders: Pay attention to self-protection.

#### **Inhalation**

Take the victim into fresh air. If symptoms persist, call a physician.

#### **Skin contact**

If skin irritation persists, call a physician. In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes.

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## **Eye contact**

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

## **Ingestion**

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting.

## **Information for doctors**

For specialist advice physicians should contact the Poisons Information Service.

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

Immediate effects can be expected after long-term exposure.

### **Inhalation**

Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough.

### **Skin contact**

Causes skin irritation.

### **Eye contact**

Liquid causes severe inflammation of conjunctiva and may cause severe damage of the cornea.

### **Ingestion**

Ingestion may cause nausea, vomiting, sore throat, stomach-ache and eventually lead to a perforation of the intestine.

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

Treat symptomatically.

Show this safety data sheet to the doctor in attendance.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Water spray, dry powder, foam, carbon dioxide (CO<sub>2</sub>).

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

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

Not applicable

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

#### **Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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## **Measures in case of fire**

Keep containers and surroundings cool with water spray.

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

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

Wear personal protective equipment. Avoid direct contact with the material / product. Ensure adequate ventilation.

### **6.2. Environmental precautions**

Try to prevent the material from entering drains or water courses.

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

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### **6.4. Reference to other sections**

For information on storage and handling see section 7.  
For personal protection see section 8.  
For information on incompatible materials, see Section 10.  
For information on disposal see section 13.

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

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

#### **Preventive handling precautions**

Avoid direct contact with the material / product. Wear personal protective equipment.

#### **General hygiene**

Wash hands after handling.  
When using, do not eat, drink or smoke.  
Handle in accordance with good industrial hygiene and safety practice.

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

Keep away from food, drink and animal feeding stuffs.  
Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 12 (non-flammable liquids)

Suitable container and packaging materials for safe storage  
Store in original container.

Storage temperature: 10°C to 40°C

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

GISCODE: GU30  
See section 1.2: Fat Solvent

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Dermal	5 mg/kg	Workers	Systemic
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	DNEL	Chronic (long term) Oral	7.1 mg/kg	Consumers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Oral	87 mg/m <sup>3</sup>	Consumers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Dermal	343 mg/m <sup>3</sup>	Workers	Systemic
ethanol (64-17-5/200-578-6)	DNEL	Chronic (long term) Inhalation	950 mg/m <sup>3</sup>	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Dermal	2750 mg/kg	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Inhalation	175 mg/m <sup>3</sup>	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Oral	15 mg/kg	Consumers	Systemic
sodium p-cumenesulphonate (15763-76-5/239-854-6)	DNEL	Chronic (long term) Dermal	136.25 mg/kg	Workers	Systemic
sodium p-cumenesulphonate (15763-76-5/239-854-6)	DNEL	Chronic (long term) Inhalation	26.9 mg/m <sup>3</sup>	Workers	Systemic
sodium p-cumenesulphonate (15763-76-5/239-854-6)	DNEL	Chronic (long term) Oral	3.8 mg/kg	Consumers	Systemic

#### PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	PNEC	Freshwater	0.04 mg/l
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	PNEC	Soil	9.4 mg/kg

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Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Sulfonic acids, C14-17-sec-alkane, sodium salts (97489-15-1/307-055-2)	PNEC	Sewage Treatment Plant	600 mg/l
ethanol (64-17-5/200-578-6)	PNEC	Freshwater	0.96 mg/l
ethanol (64-17-5/200-578-6)	PNEC	Sediment (freshwater)	3.6 mg/kg
ethanol (64-17-5/200-578-6)	PNEC	Soil	0.63 mg/kg
ethanol (64-17-5/200-578-6)	PNEC	Sewage Treatment Plant	580 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Freshwater	0.24 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sewage Treatment Plant	10000 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sediment (freshwater)	0.9168 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Soil	7.5 mg/kg
sodium p-cumenesulphonate (15763-76-5/239-854-6)	PNEC	Freshwater	0.23 mg/l
sodium p-cumenesulphonate (15763-76-5/239-854-6)	PNEC	Sewage Treatment Plant	100 mg/kg
sodium p-cumenesulphonate (15763-76-5/239-854-6)	PNEC	Sediment (freshwater)	0.862 mg/kg
sodium p-cumenesulphonate (15763-76-5/239-854-6)	PNEC	Soil	0.037 mg/kg

## 8.2. Exposure controls

### **Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

### **Eye / face protection**

Safety glasses with side-shields conforming to EN166

### **Hand protection**

Wear chemical-resistant disposable protective gloves according to EN 374.

### **Other skin protection**

Not required.

### **Respiratory protection**

No personal respiratory protective equipment normally required.

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## Thermal hazards

Not applicable

## Environmental exposure controls

No special environmental precautions required.

## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Yellow

#### Odour

Fresh scent

#### Odour threshold

Not applicable.

#### Melting point / freezing point

Not determined for the mixture.

#### Boiling point or initial boiling point and boiling range

Not determined for the mixture.

#### Flammability

Not applicable.

#### Lower and upper explosion limit

The product / mixture has no explosive properties.

#### Flash point

> 65 °C

#### Auto-ignition temperature

Not applicable.

#### Decomposition temperature

Not applicable

#### pH

7.5

#### **Method**

pH concentrate

#### Kinematic viscosity

Not determined for the mixture.



According to Regulation (EC) No 1907/2006

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## Viscosity, dynamic

Not determined for the mixture.

## Solubility

Not determined for the mixture.

## Water solubility

miscible

## Partition coefficient n-octanol/water

Not available

## Vapour pressure

Not available

## Density and/or relative density

1.03 g/cm<sup>3</sup>

## Relative vapour density

Not applicable.

## Evaporation Rate

Not determined for the mixture.

## Explosive properties

Not explosive

## Oxidising properties

The product / mixture has no oxidizing properties.

## VOC %

3.54 %

## Particle characteristics

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

## 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable at normal conditions

### 10.2. Chemical stability

The product is chemically stable.

### 10.3. Possibility of hazardous reactions

None under normal use.

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## 10.4. Conditions to avoid

Avoid temperatures above 60°C, direct sunlight and contact with sources of heat.

## 10.5. Incompatible materials

Strong acids, light metals.

## 10.6. Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

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

#### Acute toxicity

Toxicology data for the components

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
Sulfonic acids, C14-17-sec-alkane, sodium salts 97489-15-1 / 307-055-2	LD50	> 2.000 mg/kg	Dermal	-	mouse	-
Alcohols, C12-14, ethoxylated 68439-50-9 /	LD50	<2.000 mg/kg	Oral	-	rat	-
ethanol 64-17-5 / 200-578-6	LD50	10.470 mg/kg	Oral	-	rat	OECD 401
ethanol 64-17-5 / 200-578-6	LD50	> 2.000 mg/kg	Dermal	-	rabbit	OECD 402
ethanol 64-17-5 / 200-578-6	LC50	> 50 mg/l	Inhalation	4 h	rat	OECD 403
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	LD50	4.100 mg/kg	Oral	-	rat	OECD 401
alcohols, C12-14, ethoxylated, sulfates, sodium salts	LD50	> 2.000 mg/kg	Dermal	-	rat	OECD 402

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Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
68891-38-3 / 500-234-8						
sodium p-cumene-sulphonate 15763-76-5 / 239-854-6	LD50	> 5.000 mg/kg	Oral	-	rat	OECD 401
sodium p-cumene-sulphonate 15763-76-5 / 239-854-6	LC50	> 5 mg/l	Inhalation	232 min.	rat	-
sodium p-cumene-sulphonate 15763-76-5 / 239-854-6	LD50	> 2.000 mg/kg	Dermal	-	rabbit	-
Sulfonic acids, C14-17-sec-alkane, sodium salts 97489-15-1 / 307-055-2	LD50	> 2.000 mg/kg	Oral	-	rat	-

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes eye irritation.

**Respiratory or skin sensitisation**

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

**Germ cell mutagenicity**

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

**Genotoxicity**

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

**Carcinogenicity**

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

**Repeated dose toxicity**

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

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**Reproductive toxicity**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**11.2. Information on other hazards****Endocrine disrupting properties**

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

**Other information**

There is no data available for this product.

**SECTION 12: Ecological information****12.1. Toxicity****Toxicity**

No data is available on the product itself.  
 Toxicology data for the components.

**Acute fish toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Sulfonic acids, C14-17-sec-alkane, sodium salts 97489-15-1 / 307-055-2	LC50	1 - 10 mg/l	96h	Brachydanio rerio (zebra fish)	OECD 203	-
ethanol 64-17-5 / 200-578-6	LC50	8.140 mg/l	48 h	Golden orfe	-	-
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 /	LC50	7,1 mg/l	96h	Fisch	OECD 203	-

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Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
500-234-8						
sodium p-cumene-sulphonate 15763-76-5 / 239-854-6	LC50	>100 mg/l	96 h	Rainbow trout	Static test	literature value

### Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Endpoint of the test	Species	Method / Guideline	Remark
Sulfonic acids, C14-17-sec-alkane, sodium salts 97489-15-1 / 307-055-2	EC50	>61 mg/l	72h	Growth rate	Desmodesmus subspicatus	OECD 201	-
ethanol 64-17-5 / 200-578-6	EC50	275 mg/l	72 h	-	Chlorella vulgaris (Fresh water algae)	OECD 201	-
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC50	7,5 mg/l	96h	-	algae	OECD 202	-
sodium p-cumene-sulphonate 15763-76-5 / 239-854-6	EC50	>100mg/l	96 h	-	Pseudokirchneriella subcapitata	Static test	literature value

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## Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Sulfonic acids, C14-17-sec-alkane, sodium salts 97489-15-1 / 307-055-2	EC50	9,81 mg/l	48h	Daphnia magna (Water flea)	OECD 202	-
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC50	7,2 mg/l	48h	Daphnia magna	OECD 201	-
sodium p-cumene-sulphonate 15763-76-5 / 239-854-6	EC50	>100 mg/l	48 h	Daphnia magna (Water flea)	Static test	literature value
ethanol 64-17-5 / 200-578-6	EC50	> 10.000 mg/l	48 h	Daphnia magna (Water flea)	-	-

## Micro-/macro organism toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC0	> 100 mg/l	-	Pseudomonas putida	DIN 38412
sodium p-cumenesulphonate 15763-76-5 / 239-854-6	EC10	>1.000 mg/l	3 h	Activated sludge	OECD 209

## 12.2. Persistence and degradability

### Persistence and degradability

The surfactants contained in this mixture / product meet the requirements for biodegradability in accordance with Regulation (EC) No. 648/2004 on detergents.

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### 12.3. Bioaccumulative potential

**Bioaccumulative potential**

No information is available for this item.

### 12.4. Mobility in soil

**Mobility**

No information is available for this item.

### 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

### 12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

### 12.7. Other adverse effects

**Other adverse effects**

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal considerations**

Dispose of as hazardous waste in compliance with local and national regulations.

**Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

Do not re-use empty containers.

Contaminated packaging: Dispose of as unused product.

Waste code	Waste description
20 01 29*	detergents containing hazardous substances

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

## SECTION 14: Transport information

### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

### 14.2. UN proper shipping name

**ADR / RID / ADN proper shipping name**

Not classified as dangerous in the meaning of transport regulations.

According to Regulation (EC) No 1907/2006

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## 14.3. Transport hazard class(es)

### Label

Not required.

## 14.4. Packing group

Not classified as dangerous in the meaning of transport regulations.

## 14.5. Environmental hazards

### Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

## 14.6. Special precautions for user

### Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

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

Not applicable.

## Other

Not applicable



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## SECTION 15: Regulatory information

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

#### EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: 5-15% anionic surfactants, <5% non-ionic surfactants.

Contains perfumes, LIMONENE, preservation agents, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE.

Regulation (EC) No. 1272/2008 (CLP)

EU Regulation (EC) No. 1907/2006 (REACH)

Substances subject to authorization according to Annex XIV: No

Substance restrictions according to Annex XVII: No

Substances on the REACH candidate list (SVHC): No

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: not applicable

Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)

Seveso hazard category: not applicable

#### National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

#### Other regulations, limitations and legal regulations

Take note of Dir 94/33/EC on the protection of young people at work.

### 15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

## SECTION 16: Other information

#### Changes to previous revision

Adaptation to the amending regulation (EU) 2020/878

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## **Abbreviations**

ADN - Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ADR - Accord relatif au transport international des marchandises Dangereuses par Route  
CAS - Chemical Abstract Service  
CLP - Classification, Labelling and Packaging  
DMEL - Derived Minimum Effect Level  
DNEL - Derived no effect level  
EC50 - Half maximal effective concentration 50%  
GHS - Globally Harmonised System  
IATA - International Air Transport Association  
IMDG - International Maritime Dangerous Goods  
LC50 - Lethal concentration 50%  
LD50 - Lethal dosis 50 %  
MARPOL - International Convention for the Prevention of Pollution from Ships  
PBT - Persistent, bioaccumulative and toxic substance  
PEC - Predicted Environmental Concentration  
PNEC - predicted no effect concentration  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID - Reglement concernant le transport international ferroviaire de marchandises Dangereuses  
SVHC - Substance of very high concern  
vPvB - Very persistent, very bioaccumulative substance

## **References to key literature and data sources**

REACH registration dossiers  
ECHA C&L - Inventory  
Safety data sheets from raw material suppliers

## **Evaluation methods for classification**

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:  
Health hazards: calculation method

## **Phrase meaning**

Skin Irrit. 2 - Skin irritation, hazard category 2  
Eye Dam. 1 - Serious eye damage, hazard category 1  
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3  
Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4  
Flam. Liq. 2 - Flammable liquids, hazard category 2  
Eye Irrit. 2 - Eye irritation, hazard category 2  
H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

According to Regulation (EC) No 1907/2006

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## Other

### **Additional information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

### **Manufacturer's notes**

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.