

# Orosept VK

Version number: 6  
Issued: 2022-03-24  
Replaces SDS: 2019-11-23



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

### 1.1. Product identifier

**Trade name**

Orosept VK

**UFI code**

9CKD-VWPT-NF10-XV2G

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

**Relevant identified uses**

Disinfectant cleaner 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**

KLEEN PURGATIS GmbH

Street address

Dieselstraße 10  
32120 Hiddenhausen  
Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Fax

+49 (0) 5223 9970-195

Web site

www.kleenpurgatis.de

**Contact person**

Regulatory Affairs

**Email address**

info@kleen-purgatis.de

### 1.4. Emergency telephone number

+49 (0)551 - 19240 (GIZ-Nord)

**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 corrosion, hazard category 1

Hazardous to the aquatic environment — Acute hazard category 1

Specific Target Organ Toxicity — Single exposure, hazard category 3

#### Hazard statements

H314, H335, H400

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

#### Precautionary statements

P280 Wear protective gloves/eye protection.

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 [or 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.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310 Immediately call a POISON CENTER/doctor.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container to problem waste in accordance with local/regional/national/international regulations.

#### More information

Hazard components for labeling:

Didecyldimethylammonium chloride, 2-aminoethanol

### 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
2-aminoethanol	141-43-5 205-483-3 01-2119486455-28-xxxx 603-030-00-8	5 - 10%	Acute Tox. 4 - oral, Acute Tox. 4 - dermal, Skin Corr. 1B, Acute Tox. 4 - inhalation	H302, H312, H314, H332 - -	STOT SE 3; H335: C ≥ 5 %;
didecyldimethylammonium chloride	7173-51-5 230-525-2 01-2119945987-15-xxxx 612-131-00-6	5 - 10%	Acute Tox. 4 - oral, Skin Corr. 1B	H302, H314 - -	-
potassium carbonate	584-08-7 209-529-3 01-2119532646-36-xxxx -	1 - 5%	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3 - resp. tract irrit.	H315, H319, H335 - -	-
propan-2-ol	67-63-0 200-661-7 01-2119457558-25-xxxx 603-117-00-0	1 - 5%	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 - narcosis	H225, H319, H336 - -	-

#### **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**

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician if necessary.

#### **Skin contact**

In case of contact, immediately flush skin with plenty of water.

#### **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.

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## **Ingestion**

Rinse mouth. Immediately give large quantities of water to drink. Call a physician immediately.

## **Information for doctors**

Show this safety data sheet to the doctor in attendance.

## **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 severe skin burns.

## **Eye contact**

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

## **Ingestion**

Ingestion of aqueous solution causes gastrointestinal burns.

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

Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### **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**

No information available

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

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

In the event of fire, wear self contained breathing apparatus.

## **Other**

### **Other**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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## SECTION 6: Accidental release measures

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

Wear personal protective equipment.  
Evacuate unaffected personnel from the spill area.

### 6.2. Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Use neutralizing agents. Ensure adequate ventilation.

### 6.4. Reference to other sections

For information on storage and handling see section 7.  
For information on exposure and personal protective equipment, 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**

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

#### **General hygiene**

When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

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

Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Keep away from food, drink and animal feeding stuffs.  
Store in a place accessible by authorized persons only.

Storage class LGK 8B (non-flammable, corrosive hazardous substances)

Keep only in original container.  
Storage temperature: 10°C to 40°C

### 7.3. Specific end use(s)

See section 1.2: Disinfectant cleaner  
GISCODE: GD40

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m <sup>3</sup>	Short-term exposure limit ppm / mg/m <sup>3</sup>	Source	Remark	Year
2-aminoethanol (EU)	141-43-5 205-483-3	1 2.5	3 7.6	-	-	-

#### DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
2-aminoethanol (141-43-5/205-483-3)	DNEL	Chronic (long term) Oral	3.75 mg/kg	Consumers	Systemic
2-aminoethanol (141-43-5/205-483-3)	DNEL	Chronic (long term) Dermal	1 mg/kg	Workers	Systemic
2-aminoethanol (141-43-5/205-483-3)	DNEL	Chronic (long term) Inhalation	3.3 mg/m <sup>3</sup>	Workers	Local
didecyldimethylammonium chloride (7173-51-5/230-525-2)	DNEL	Chronic (long term) Inhalation	5.39 mg/m <sup>3</sup>	Workers	Systemic
didecyldimethylammonium chloride (7173-51-5/230-525-2)	DNEL	Chronic (long term) Dermal	1.55 mg/kg	Workers	Systemic
potassium carbonate (584-08-7/209-529-3)	DNEL	Chronic (long term) Inhalation	10 mg/m <sup>3</sup>	Workers	Local
propan-2-ol (67-63-0/200-661-7)	DNEL	Chronic (long term) Inhalation	500 mg/m <sup>3</sup>	Workers	Systemic
propan-2-ol (67-63-0/200-661-7)	DNEL	Chronic (long term) Dermal	888 mg/kg	Workers	Systemic

#### PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
2-aminoethanol (141-43-5/205-483-3)	PNEC	Freshwater	0.085 mg/l
2-aminoethanol (141-43-5/205-483-3)	PNEC	Marine water	0.0085 mg/l
2-aminoethanol (141-43-5/205-483-3)	PNEC	Sediment (freshwater)	0.434 mg/kg

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Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
2-aminoethanol (141-43-5/205-483-3)	PNEC	Sediment (marine water)	0.0434 mg/kg
2-aminoethanol (141-43-5/205-483-3)	PNEC	Soil	0.0367 mg/kg
2-aminoethanol (141-43-5/205-483-3)	PNEC	Sewage Treatment Plant	100 mg/l
didecyldimethylammonium chloride (7173-51-5/230-525-2)	PNEC	Freshwater	0.002 mg/l
didecyldimethylammonium chloride (7173-51-5/230-525-2)	PNEC	Marine water	0.0002 mg/l
didecyldimethylammonium chloride (7173-51-5/230-525-2)	PNEC	Sediment (freshwater)	2.82 mg/kg
didecyldimethylammonium chloride (7173-51-5/230-525-2)	PNEC	Sediment (marine water)	0.28 mg/kg
didecyldimethylammonium chloride (7173-51-5/230-525-2)	PNEC	Sewage Treatment Plant	0.595 mg/l
didecyldimethylammonium chloride (7173-51-5/230-525-2)	PNEC	Soil	1.4 mg/kg
propan-2-ol (67-63-0/200-661-7)	PNEC	Freshwater	140.9 mg/l
propan-2-ol (67-63-0/200-661-7)	PNEC	Marine water	140.9 mg/l
propan-2-ol (67-63-0/200-661-7)	PNEC	Sewage Treatment Plant	2251 mg/l
propan-2-ol (67-63-0/200-661-7)	PNEC	Sediment (freshwater)	552 mg/kg
propan-2-ol (67-63-0/200-661-7)	PNEC	Sediment (marine water)	552 mg/kg
propan-2-ol (67-63-0/200-661-7)	PNEC	Soil	28 mg/kg

## 8.2. Exposure controls

### Eye / face protection

Chemical-resistant safety glasses with side protection (EN 166)

### Hand protection

Protective gloves complying with EN 374. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

### Other skin protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

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## **Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

## **Thermal hazards**

Not applicable.

## **Environmental exposure controls**

No special precautions required.

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

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

#### **Physical state**

Liquid

#### **Colour**

light yellow

#### **Odour**

characteristic

#### **Odour threshold**

Not determined for the mixture.

#### **Melting point / freezing point**

Not determined for the mixture.

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

100 °C

#### **Flammability**

Not determined for the mixture.

#### **Lower and upper explosion limit**

Not determined for the mixture.

#### **Flash point**

> 60 °C

#### **Auto-ignition temperature**

Not determined for the mixture.

#### **Decomposition temperature**

Not determined for the mixture.

#### **pH**

13



According to Regulation (EC) No 1907/2006

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## **Kinematic viscosity**

Not determined for the mixture.

## **Viscosity, dynamic**

30 mPa · s

### **Method**

Rotational viscometer, 20°C

## **Solubility**

No data available

## **Water solubility**

insoluble

## **Partition coefficient n-octanol/water**

Not determined for the mixture.

## **Vapour pressure**

23 hPa

## **Density and/or relative density**

1.06 g/cm<sup>3</sup>

## **Relative vapour density**

Not determined for the mixture.

## **Evaporation Rate**

Not determined for the mixture.

## **Explosive properties**

Product is not explosive.

## **Oxidising properties**

Not determined for the mixture.

## **VOC %**

9.5 %

## **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

According to Regulation (EC) No 1907/2006

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## 10.2. Chemical stability

The product is chemically stable.

## 10.3. Possibility of hazardous reactions

No hazardous decomposition products are known.

## 10.4. Conditions to avoid

No information available

## 10.5. Incompatible materials

None known

## 10.6. Hazardous decomposition products

No hazardous decomposition products are known.

For information on combustion products, see Section 5.

## SECTION 11: Toxicological information

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

Toxicology data for the components

#### Acute toxicity

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

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
2-aminoethanol 141-43-5 / 205-483-3	-	1.089 mg/kg	Oral	-	-	-
2-aminoethanol 141-43-5 / 205-483-3	-	1.010 mg/kg	Dermal	-	-	-
2-aminoethanol 141-43-5 / 205-483-3	-	11 mg/l	Inhalative	4 h	-	-
didecyldimethyl-ammonium chloride 7173-51-5 / 230-525-2	LD50	238 mg/kg	Oral	-	rat	OECD 401
didecyldimethyl-ammonium chloride 7173-51-5 / 230-525-2	LD50	3342 mg/kg	Dermal	-	rabbit	-

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Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
propan-2-ol 67-63-0 / 200-661-7	LD50	4570 mg/kg	Oral	-	rat	-
propan-2-ol 67-63-0 / 200-661-7	LD50	13400 mg/kg	Dermal	-	rabbit	-
propan-2-ol 67-63-0 / 200-661-7	LC50	30 mg/l	Inhalative	4 h	rat	-

**Skin corrosion/irritation**

Causes severe skin burns.

**Serious eye damage/irritation**

Causes serious eye damage.

**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.

**Mutagenicity**

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.

**Reproductive toxicity**

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

**STOT-single exposure**

Single exposure, hazard category 3 - respiratory tract irritation.

**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.

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## 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.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute fish toxicity

Toxic to fish.

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
2-aminoethanol 141-43-5 / 205-483-3	LC50	349 mg/l	96 h	Carp
didecyldimethyl- ammonium chloride 7173-51-5 / 230-525-2	LC50	0,19 mg/l	96 h	Pimephales promelas (fathead minnow)
propan-2-ol 67-63-0 / 200-661-7	LC50	8970 mg/l	48 h	Golden orfe

#### Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
2-aminoethanol 141-43-5 / 205-483-3	EC50	2,1 mg/l	72 h	Pseudokirchneriella subcapitata	-
didecyldimethylamm onium chloride 7173-51-5 / 230- 525-2	ErC50	0,026 mg/l	96 h	Pseudokirchneriella subcapitata	OECD 201
propan-2-ol 67-63-0 / 200-661-7	IC50	> 1000 mg/l	72 h	algae	-

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## Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
2-aminoethanol 141-43-5 / 205-483-3	EC50	27,04 mg/l	48 h	Daphnia magna (Water flea)
didecyldimethyl-ammonium chloride 7173-51-5 / 230-525-2	EC50	0,062 mg/l	48 h	Daphnia magna (Water flea)
propan-2-ol 67-63-0 / 200-661-7	EC50	> 1000 mg/l	24 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
didecyldimethyl-ammonium chloride 7173-51-5 / 230-525-2	EC50	11 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.

### 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

No information available

According to Regulation (EC) No 1907/2006

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## Other

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.  
 Contaminated packaging : Dispose of as unused product.

Waste code	Description
07 06 99	wastes not otherwise specified

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

## SECTION 14: Transport information

### 14.1. UN number

1903

### 14.2. UN proper shipping name

DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (didecyldimethylammonium chloride, 2-aminoethanol)

#### IMDG proper shipping name

DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (didecyldimethylammonium chloride, 2-aminoethanol)

### 14.3. Transport hazard class(es)

#### Label



8 Environmental hazard

#### ADR / RID Class

8

#### ADR / RID Classification code

C9

#### ADR / RID hazard identification number

80

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## IMDG Class

8

## IATA Class

8

## ADN Class

8

## ADN Class Code

C9

### 14.4. Packing group

III

### 14.5. Environmental hazards

#### Environmental hazards

The product contains following substances which are hazardous for the environment:

Didecyldimethylammonium chloride

2-aminoethanol

#### IMDG Marine Pollutant

No

### 14.6. Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

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

Not applicable

### Other

#### Additional information ADR-RID

LQ: 5 L

EQ: E1

Transport category (tunnel restriction code): 3 (E)

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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% non-ionic surfactants, cationic surfactants

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

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

Substances subject to authorization according to Annex XIV: not applicable

Substance restrictions according to Annex XVII: not applicable

Substances on the REACH candidate list (SVHC): not applicable

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

Active ingredients: Didecyldimethylammonium chloride (6,9g/100g)

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

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: 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**

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  
Environmental hazards: calculation method

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## **Phrase meaning**

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4  
Acute Tox. 4 - dermal - Acute toxicity, dermal, hazard category 4  
Skin Corr. 1B - Skin corrosion, hazard category 1B  
Acute Tox. 4 - inhalation - Acute toxicity, inhalation, hazard category 4  
Skin Irrit. 2 - Skin irritation, hazard category 2  
Eye Irrit. 2 - Eye irritation, hazard category 2  
STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation  
Flam. Liq. 2 - Flammable liquids, hazard category 2  
STOT SE 3 - narcosis - Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis  
H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.

## **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.