

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended  
by UK REACH Regulations SI 2019/758

**schülke** 

## **thermosept® SKS**      **No Change Service!**

Version  
05.06

Revision Date:  
17.10.2024

Date of last issue: 26.08.2022

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

#### **1.1 Product identifier**

Trade name : thermosept® SKS

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

Use of the Sub-  
stance/Mixture : Decalcification agent

Recommended restrictions  
on use : Restricted to professional users.

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

Producer : Schülke & Mayr GmbH  
Robert-Koch-Str. 2  
  
22851 Norderstedt  
Germany  
Telephone: +49 (0)40/ 52100-0  
Telefax: +49 (0)40/ 52100318  
mail@schuelke.com  
www.schuelke.com

Supplier : Schülke & Mayr UK Ltd.  
Cygnet House  
1, Jenkin Road  
  
Sheffield S9 1AT  
United Kingdom  
Telephone: +44 114 254 35 00  
Telefax: +44 114 254 35 01  
mail.uk@schulke.com

E-mail address of person  
responsible for the  
SDS/Contact person : Application Specialists  
+49 (0)40/ 521 00 666  
AD@schuelke.com

#### **1.4 Emergency telephone number**

Emergency telephone num-  
ber : Carechem 24 International: +44 1235 239670

### **SECTION 2: Hazards identification**

#### **2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK  
SI 2019/720, and UK SI 2020/1567)**

Eye irritation, Category 2

H319: Causes serious eye irritation.

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## 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements :

### **Prevention:**

P280 Wear eye protection/ face protection.

### **Response:**

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

P337 + P313 If eye irritation persists: Get medical advice/ attention.

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Solution of the following substances with harmless additives.

#### **Hazardous components**

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate	5949-29-1 201-069-1 --- 01-2119457026-42-XXXX	Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT SE 3; H335 (Respiratory system)	>= 10 - < 20
2-phosphonobutane-1,2,4-tricarboxylic acid	37971-36-1 253-733-5 --- 01-2119436643-39-XXXX	Met. Corr. 1; H290 Eye Irrit. 2; H319	>= 1 - < 10

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For explanation of abbreviations see section 16.

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

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

- |                         |   |   |
|-------------------------|---|---|
| General advice          | : | Take off all contaminated clothing immediately.   |
| If inhaled              | : | If symptoms persist, call a physician.  |
| In case of skin contact | : | Wash with water and soap as a precaution.<br>If symptoms persist, call a physician.   |
| In case of eye contact  | : | In the case of contact with eyes, rinse immediately with plenty<br>of water and seek medical advice.<br>If eye irritation persists, consult a specialist. |
| If swallowed            | : | Rinse mouth with water.<br>Give small amounts of water to drink.<br>Consult a physician if necessary.   |

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

- |          |   |                                |
|----------|---|--------------------------------|
| Symptoms | : | Treat symptomatically.         |
| Risks    | : | Causes serious eye irritation. |

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

- |           |   |   |
|-----------|---|---|
| Treatment | : | For specialist advice physicians should contact the Poisons<br>Information Service. |
|-----------|---|---|

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## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

- |                                |   |  |
|--------------------------------|---|--|
| Suitable extinguishing media   | : | Dry powder<br>Foam<br>Water spray jet<br>Carbon dioxide (CO <sub>2</sub> ) |
| Unsuitable extinguishing media | : | Do NOT use water jet.  |

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

- |                                       |   |  |
|---------------------------------------|---|--|
| Specific hazards during fire-fighting | : | No information available.                  |
| Hazardous combustion products         | : | No hazardous combustion products are known |

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### **5.3 Advice for firefighters**

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.  
for firefighters

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

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

Personal precautions : Use personal protective equipment.

### **6.2 Environmental precautions**

Environmental precautions : Avoid subsoil penetration.

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

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Soak up with inert absorbent material (e.g. sand, silica gel,  
acid binder, universal binder, sawdust).

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

see Section 8 + 13

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

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

Advice on safe handling : Never mix concentrates directly.  
Advice on protection against fire and explosion : No special protective measures against fire required.

Hygiene measures : Keep away from food and drink.

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

Requirements for storage areas and containers : Store at room temperature in the original container.

Further information on storage conditions : Keep away from heat. Keep container tightly closed. Recommended storage temperature: 5 - 25°C

Advice on common storage : Do not store together with alkalis.

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

Specific use(s) : none

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

### **8.1 Control parameters**

Contains no substances with occupational exposure limit values.

**Predicted No Effect Concentration (PNEC):**

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Substance name	Environmental Compartment	Value
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate	Fresh water	0.44 mg/l
	Marine water	0.044 mg/l
	Fresh water sediment	7.52 mg/kg
	Marine sediment	0.752 mg/kg
	Soil	29.2 mg/kg
2-phosphonobutane-1,2,4- tricarboxylic acid	Fresh water	0.666 mg/l
	Marine water	0.066 mg/l
	Effects on waste water treatment plants	50.4 mg/l
	Fresh water sediment	2.398 mg/kg dry weight (d.w.)
	Marine sediment	0.24 mg/kg dry weight (d.w.)
	Soil	0.089 mg/kg dry weight (d.w.)

## 8.2 Exposure controls

### Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166

Hand protection

Directive

: The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Remarks

: Splash protection: disposable nitrile rubber gloves e.g. Dermatril (layer thickness: 0.11 mm) made by KCL or gloves from other manufacturers offering the same protection. Prolonged contact: Nitrile rubber gloves e.g. Camatril (>480 Min., layer thickness: 0,40 mm) or butyl rubber gloves e.g. Butoject (>480 Min., layer thickness: 0,70 mm) made by KCL or gloves from other manufacturers offering the same protection.

Skin and body protection

: Work uniform or laboratory coat.

Respiratory protection

: No personal respiratory protective equipment normally required.

Protective measures

: Avoid contact with eyes.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance

: liquid

Colour

: colourless

Odour

: nearly odourless

Odour Threshold

: not determined

pH

: 1.3 (20 °C)  
Concentration: 100 %

Decomposition temperature

: No data available

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Melting point/freezing point	< -5 °C
Boiling point/boiling range	: Not applicable
Flash point	: > 100 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Upper explosion limit / Upper flammability limit	: Not applicable
Lower explosion limit / Lower flammability limit	: Not applicable
Vapour pressure	: No data available
Relative vapour density	: No data available
Density	: ca. 1.08 g/cm <sup>3</sup> (20 °C)
Solubility(ies)	
Water solubility	: completely soluble (20 °C)
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: No data available
Viscosity	
Viscosity, kinematic	: not determined
Explosive properties	: No data available
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

### **9.2 Other information**

Metal corrosion rate : Not corrosive to metals

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

### **10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

### **10.2 Chemical stability**

The product is chemically stable.

### **10.3 Possibility of hazardous reactions**

Hazardous reactions : Reaction with alkalis(caustic liquors).

### **10.4 Conditions to avoid**

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Conditions to avoid : Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

None reasonably foreseeable.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### **Acute toxicity**

Not classified based on available information.

#### **Components:**

##### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Acute oral toxicity : LD50 (Mouse): 5,400 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg

Acute toxicity (other routes of administration) : LD50 intravenous (Rat): 725 mg/kg

##### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: EC Directive 92/69/EEC B.1 Acute Toxicity (Oral)  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 1.979 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration., The substance or mixture has no acute inhalation toxicity  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat, male and female): > 4,000 mg/kg  
Remarks: Based on data from similar materials

#### **Skin corrosion/irritation**

Not classified based on available information.

#### **Components:**

##### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Species : Rabbit

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Result	: Mild skin irritation
Remarks	: Based on available data, the classification criteria are not met.

### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Species	: reconstructed human epidermis (RhE)
Method	: OECD Test Guideline 431
Result	: No skin irritation
GLP	: yes

### **Serious eye damage/eye irritation**

Causes serious eye irritation.

#### **Product:**

Remarks : Causes serious eye irritation.

#### **Components:**

##### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Species	: Rabbit
Method	: OECD Test Guideline 405
Result	: Eye irritation

##### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Method	: in vitro eye irritation test
Result	: Eye irritation
GLP	: yes

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Components:**

##### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Method	: OECD Test Guideline 406
Result	: Does not cause skin sensitisation.

##### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Test Type	: Maximisation Test
Exposure routes	: Skin contact
Species	: Guinea pig
Method	: OECD Test Guideline 406
Result	: Does not cause skin sensitisation.
Remarks	: Based on data from similar materials

### **Germ cell mutagenicity**

Not classified based on available information.



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## Components:

### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Genotoxicity in vitro	:	Test Type: Ames test
		Test system: Salmonella typhimurium
		Concentration: 0 - 5 mg/ plate
		Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay)
		Result: negative
		Test Type: Micronucleus test
		Test system: Human lymphocytes
		Method: Mutagenicity (in vitro mammalian cytogenetic test)
		Result: positive
Genotoxicity in vivo	:	Species: Rat
		Application Route: Oral
		Method: OECD Test Guideline 475
		Result: negative
Germ cell mutagenicity- Assessment	:	In vitro tests did not show mutagenic effects

### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Genotoxicity in vitro	:	Test Type: Chromosome aberration test in vitro
		Test system: Chinese hamster lung cells
		Metabolic activation: with and without metabolic activation
		Method: OECD Test Guideline 476
		Result: negative

## **Carcinogenicity**

Not classified based on available information.

## Components:

### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Carcinogenicity - Assessment	:	Not classifiable as a human carcinogen.
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### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Remarks	:	This information is not available.
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## **Reproductive toxicity**

Not classified based on available information.

## Components:

### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Effects on foetal development	:	Species: Rat
		Application Route: Oral
		General Toxicity Maternal: NOAEL: 2,500 mg/kg body weight
Reproductive toxicity - Assessment	:	No toxicity to reproduction

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### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Effects on foetal development : Test Type: Pre-natal  
Species: Rat, female  
Application Route: Oral  
General Toxicity Maternal: NOAEL:  $\geq$  1,000 mg/kg body weight  
Teratogenicity: NOAEL:  $\geq$  1,000 mg/kg body weight  
Developmental Toxicity: NOAEL:  $\geq$  1,000 mg/kg body weight  
Embryo-foetal toxicity: NOAEL:  $\geq$  1,000 mg/kg body weight  
Method: OECD Test Guideline 414  
Result: No teratogenic effects  
GLP: yes  
Remarks: Based on data from similar materials

### **STOT - single exposure**

Not classified based on available information.

### **Components:**

#### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Exposure routes : Inhalation  
Assessment : May cause respiratory irritation.

### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Remarks : No data available

### **STOT - repeated exposure**

Not classified based on available information.

### **Components:**

#### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Remarks : No data available

### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Remarks : No data available

### **Repeated dose toxicity**

### **Components:**

#### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Species : Rat  
NOAEL : 4,000 mg/kg  
LOAEL : 8,000 mg/kg  
Application Route : Oral  
Exposure time : 10 d

### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Species : Rat, male and female  
NOAEL : 424 mg/kg

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Application Route	: Oral
Exposure time	: 90-day
Number of exposures	: 7 Tage/ Woche
Dose	: 5000 ppm
Method	: OECD Test Guideline 408
Remarks	: Subchronic toxicity Based on data from similar materials

### **Aspiration toxicity**

Not classified based on available information.

### **Experience with human exposure**

#### **Components:**

##### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Inhalation : Target Organs: respiratory tract irritation

#### **Further information**

#### **Product:**

Remarks : No data available

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Components:**

##### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Toxicity to fish	: LC50 (Leuciscus idus (Golden orfe)): 440 - 760 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna): 85 - 120 mg/l Exposure time: 72 h
Toxicity to algae/aquatic plants	: NOEC (Scenedesmus quadricauda (Green algae)): 425 mg/l Exposure time: 8 Days Test Type: static test
Toxicity to microorganisms	: (Pseudomonas putida): > 10,000 mg/l Exposure time: 16 h

##### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Toxicity to fish (Chronic toxicity)	: > 1,042 mg/l Exposure time: 14 d Species: Danio rerio (zebra fish) Method: OECD Test Guideline 204
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### **12.2 Persistence and degradability**

#### **Product:**

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Biodegradability : Result: Readily biodegradable.  
Method: OECD 301D / EEC 84/449 C6

### **Components:**

#### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 97 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

#### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Biodegradability : Test Type: aerobic  
Result: Not rapidly biodegradable  
Biodegradation: 0 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301E

## **12.3 Bioaccumulative potential**

### **Components:**

#### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Bioaccumulation : Remarks: No bioaccumulation is to be expected (log Pow <= 4).

#### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Bioaccumulation : Remarks: No data available  
Partition coefficient: n-octanol/water : log Pow: -1.36 (25 °C)  
Method: calculated

## **12.4 Mobility in soil**

### **Components:**

#### **1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate:**

Mobility : Remarks: No data available

#### **2-phosphonobutane-1,2,4-tricarboxylic acid:**

Mobility : Remarks: No data available

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

### **Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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### 12.6 Other adverse effects

#### **Product:**

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological information : No data is available on the product itself.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: Transport information

### 14.1 UN number

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

### 14.2 UN proper shipping name

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

### 14.4 Packing group

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA (Cargo) : Not regulated as a dangerous good

IATA (Passenger) : Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

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## 14.6 Special precautions for user

Not applicable

## 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Conditions of restriction for the following entries should be considered: Number on list 3
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
Regulation (EC) on substances that deplete the ozone layer	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
Volatile organic compounds	:	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 0.6 %

#### The components of this product are reported in the following inventories:

TCSI	:	On the inventory, or in compliance with the inventory
TSCA	:	All substances listed as active on the TSCA inventory
AIIC	:	On the inventory, or in compliance with the inventory
DSL	:	All components of this product are on the Canadian DSL
ENCS	:	On the inventory, or in compliance with the inventory
ISHL	:	On the inventory, or in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory
NZIoC	:	Not in compliance with the inventory
TECI	:	On the inventory, or in compliance with the inventory

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## 15.2 Chemical safety assessment

**||** No Chemical Safety Assessment has been carried out for this mixture.

## SECTION 16: Other information

### Full text of H-Statements

H290 : May be corrosive to metals.  
H319 : Causes serious eye irritation.  
H335 : May cause respiratory irritation.

### Full text of other abbreviations

Eye Irrit. : Eye irritation  
Met. Corr. : Corrosive to metals  
STOT SE : Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

Eye Irrit. 2

H319

#### Classification procedure:

Calculation method

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended  
by UK REACH Regulations SI 2019/758



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Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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