

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**schülke** 

**octenisept®**

**No Change Service!**

Version 01.02

Revision Date 19.10.2012

Print Date 18.03.2016

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## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name : octenisept®

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

Use of the Sub-  
stance/Mixture : Disinfectants

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

Producer/Supplier : Schülke & Mayr GmbH  
Robert-Koch-Str. 2  
22851 Norderstedt  
Germany  
Telephone: +4940521000  
Telefax: +494052100318  
mail@schuelke.com  
www.schuelke.com

Contact person : Application Department HI  
+49 (0)40/ 521 00 544 (Schülke UK +44 114 254 3500)  
pab@schuelke.com

### 1.4 Emergency telephone number

Emergency telephone num-  
ber : UK Poisons Emergency number: 0870 600 6266  
Emergency telephone num-  
ber : +49 (0)40 / 52 100 -0

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### **Classification (67/548/EEC, 1999/45/EC)**

This mixture is not classified as dangerous according to Directive 1999/45/EC.

### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

### 2.3 Other hazards

No special risks known.

## 3. Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Aqueous solution

#### **Hazardous components**

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Chemical Name	Index-Number CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
2-Phenoxyethanol	603-098-00-9 122-99-6 204-589-7 1- 2119488943- 21-XXXX	Xn; R22 Xi; R36	Acute Tox. 4; H302 Eye Irrit. 2; H319	2 %

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 4. First aid measures

### 4.1 Description of first aid measures

In case of eye contact : Flush eyes with water as a precaution.

If swallowed : Do NOT induce vomiting.  
Drink water as a precaution.  
Consult a physician if necessary.

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

Symptoms : Gastrointestinal discomfort

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

Treatment : No information available.

## 5. Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Dry powder  
Foam  
Water spray jet  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during fire-fighting : No information available.

### 5.3 Advice for firefighters

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

**6. Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : No special precautions required.

**6.2 Environmental precautions**

Environmental precautions : Avoid subsoil penetration.

**6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

**6.4 Reference to other sections**

See chapter 13

**7. Handling and storage****7.1 Precautions for safe handling**

Advice on safe handling : not required under normal use

Advice on protection against fire and explosion : No special protective measures against fire required.

**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 direct sunlight.  
Do not store at temperatures above 30°C.

Advice on common storage : Keep away from food and drink.

**7.3 Specific end use(s)**

none

**8. Exposure controls/personal protection****8.1 Control parameters**

Components	CAS-No.	Value	Control parameters	Basis
2-Phenoxyethanol	122-99-6	Permissible exposure limit	20 ppm 110 mg/m <sup>3</sup>	TRGS 900
2-Phenoxyethanol	122-99-6	Ceiling Limit Value	40 ppm 220 mg/m <sup>3</sup>	TRGS 900

**8.2 Exposure controls**

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**Personal protective equipment**

Hygiene measures : Keep away from food and drink.  
Keep away from children.

Protective measures : Avoid contact with eyes.

**Environmental exposure controls**

General advice : Avoid subsoil penetration.

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance : liquid  
Colour : colourless  
Odour : nearly odourless

Flash point : not applicable  
Lower explosion limit : not applicable  
Upper explosion limit : not applicable  
Flammability : The product is not flammable.  
Explosive properties : not applicable  
Oxidizing properties : not applicable  
Auto-ignition temperature : not applicable  
pH : ca. 6, 20 °C, concentrate  
Melting point/freezing point : ca. 0 °C  
Decomposition temperature : not applicable  
Boiling point/boiling range : ca. 100 °C  
Vapour pressure : ca. 25 hPa, 20 °C, similar to water  
Density : ca. 1,005 g/cm<sup>3</sup>, 20 °C  
Water solubility : 20 °C, in all proportions  
Partition coefficient: n-octanol/water : not applicable  
Viscosity, dynamic : no data available  
Flow time : < 15 s, 20 °C, DIN 53211  
Relative vapor density : no data available  
Evaporation rate : no data available

**9.2 Other information**

None known.

**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**

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None reasonably foreseeable.

## 10.4 Conditions to avoid

Do not store at temperatures above 30°C.

## 10.5 Incompatible materials

Do not mix with other products.

## 10.6 Hazardous decomposition products

Decomposition products : None reasonably foreseeable.

## 11. Toxicological information

### 11.1 Information on toxicological effects

Acute oral toxicity : LD50: > 45000 mg/kg, rat

Acute inhalation toxicity

2-Phenoxyethanol : 8 h, rat, An LC50/ inhalation could not be determined because no mortality of rats was observed at the maximum achievable concentration.

Acute dermal toxicity

2-Phenoxyethanol : LD50: > 2000 mg/kg

Skin irritation : Result: No skin irritation

Eye irritation : Result: Assessment of eye tolerance in rabbits - slightly irritating.

Sensitisation : Result: Does not cause skin sensitization.

Mutagenicity : Not mutagenic in Ames Test.

Carcinogenicity : Contains no ingredient listed as a carcinogen

Reproductive toxicity : Contains no ingredient listed as toxic to reproduction

Teratogenicity : According to experience not expected

Repeated dose toxicity

2-Phenoxyethanol : rat, Oral, NOAEL: 1.000 mg/kg

## 12. Ecological information

### 12.1 Toxicity

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## Toxicity to fish

2-Phenoxyethanol : LC50: > 100 mg/l, 96 h, *Leuciscus idus* (Golden orfe)

## Toxicity to daphnia and other aquatic invertebrates

2-Phenoxyethanol : EC50: > 500 mg/l, 48 h

## Toxicity to algae

2-Phenoxyethanol : EC50: > 500 mg/l, 72 h, *Desmodesmus subspicatus* (green algae)

Toxicity to bacteria : EC50: > 3.200 mg/l, OECD 209

## 12.2 Persistence and degradability

||| Biodegradability : The methods for determining biodegradability are not applicable to inorganic substances.

Chemical Oxygen Demand (COD) : 594 mg/l, Test substance: 1% solution

## 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water : not applicable

## 12.4 Mobility in soil

||| Mobility : no data available

## 12.5 Results of PBT and vPvB assessment

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

## 12.6 Other adverse effects

Additional ecological information : none

## 13. Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of the product according to the defined EWC (European Waste Code) No.

Contaminated packaging : Take empty packaging to the recycling plant.

Waste key for the unused product : EWC 070601

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Waste key for the unused product(Group) : Waste material of HZVA from fats, lubricants, soaps, detergents, disinfectants and personal protection products.

## 14. Transport information

<b>ADR</b>	: UN number	none
	<b>Proper shipping name</b>	-
	Transport hazard class	-
	Packaging group	-
	Environmental hazards	-
	Classification Code	-
	ADR/RID-Labels	-
	ICAO-Labels	-
<b>IMDG</b>	: UN number	none
	<b>Proper shipping name</b>	-
	Transport hazard class	-
	Packaging group	-
	Environmental hazards	-
	EmS	-
<b>IATA</b>	: UN number	none
	<b>Proper shipping name</b>	-
	Transport hazard class	-
	Packaging group	-
	Environmental hazards	-

### Special precautions for user

none

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Exempt

## 15. Regulatory information

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

Legislation on the control of major-accident hazards involving dangerous substances	: Directive 96/82/EC does not apply
Volatile organic compounds (VOC) content	: 2 % Directive 1999/13/EC on the limitation of emissions of volatile organic compounds

### 15.2 Chemical Safety Assessment

Exempt

## 16. Other information

Full text of R-phrases referred to under sections 2 and 3

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R22	Harmful if swallowed.
R36	Irritating to eyes.

## Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed.
H319	Causes serious eye irritation.

|| Changes compared with the previous edition!!!

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.