

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### EHRLE Ultra Protection

Print date: 10.08.2015

Product code: k2862\_sd

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

### 1.1. Product identifier

EHRLE Ultra Protection

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

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

Company name: EHRLE Reinigungstechnik GmbH  
Street: Siemensstr. 9  
Place: D-89257 Illertissen  
Telephone: 07303 1600 0  
e-mail: info@ehrle.com  
Telefax: 07303 1600 60

### 1.4. Emergency telephone number:

+49 7303-160016

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not required.

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Statements:  
Causes serious eye irritation.  
Causes skin irritation.

### 2.2. Label elements

Signal word: Warning  
Pictograms: GHS07



#### Hazard statements

H319 Causes serious eye irritation.  
H315 Causes skin irritation.

#### Precautionary statements

P280 Wear protective gloves/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.

### 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

(according to 648/2004/CE)

### 3.2. Mixtures

#### Chemical characterization

cationic compounds, maintenance substances, water soluble solvents, solubilizers, dyes, fragrances (Benzyl Benzoate, Benzyl Salicylate, Limonene, Eugenol, Linalool, Hydroxycitronellal, Coumarin, Geraniol, Benzyl alcohol, Citronellol, Hexyl cinnamal)

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#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
225-878-4	3-butoxypropan-2-ol, propylene glycol monobutyl ether	5 - < 10 %
5131-66-8	Xi - Irritant R36/38	
603-052-00-8	Eye Irrit. 2, Skin Irrit. 2; H319 H315	
	Mixture of cationic ammine salts	5 - < 10 %
-mixture	Xi - Irritant R38-41	
	Skin Irrit. 2, Eye Dam. 1; H315 H318	
500-013-6	Tetraethylene glycolmonophenyl ether	1 - < 5 %
9004-78-8	Xn - Harmful R22	
	Acute Tox. 4; H302	

Full text of R, H and EUH phrases: see section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

No hazards which require special first aid measures.

###### After inhalation

not hazardous by inhalation

###### After contact with skin

Wash off with soap and water.

###### After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.

###### After ingestion

Clean mouth with water and drink afterwards plenty of water. Prevent vomiting if possible. Consult a physician if necessary.

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

This information is not available.

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

Show this safety data sheet to the doctor in attendance.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

Any extinguishing means and measures are acceptable.

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

This information is not available.

##### 5.3. Advice for firefighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

#### SECTION 6: Accidental release measures

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

Not required

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

Do not flush into surface water or sanitary sewer system.

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

Wipe up with absorbent material (e.g. cloth, fleece).

Never return spills in original containers for re-use.

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

Never return spills in original containers for re-use.

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

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

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

No special precautions required.

##### **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 rooms and vessels**

Store at room temperature in the original container. Store in a place accessible by authorized persons only.

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

Keep container tightly closed.

Never return unused material to storage receptacle.

Protect from frost.

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

This information is not available.

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

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

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

##### **Appropriate engineering controls**

Not required.

##### **Protective and hygiene measures**

General industrial hygiene practice.

##### **Eye/face protection**

Tightly fitting safety goggles

##### **Environmental exposure controls**

Handle in accordance with good industrial hygiene and safety practice.

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

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

Physical state:	liquid
Colour:	red
Odour:	characteristic

pH-Value (at 20 °C):

**Test method**  
4,5 K-QP1012C

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#### Changes in the physical state

Melting point:	<-8 °C
Initial boiling point and boiling range:	>78 °C
Sublimation point:	not applicable
Softening point:	not applicable
Pour point:	not applicable
Flash point:	>60 °C

#### Flammability

Solid:	not applicable
Gas:	not applicable

#### Explosive properties

Not explosive

Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Ignition temperature:	>200 °C

#### Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable

Decomposition temperature: not determined

#### Oxidizing properties

Not relevant

Vapour pressure: not determined

Density (at 20 °C): 0,99 g/cm<sup>3</sup> K-QP1012E

Water solubility:  
(at 20 °C) completely miscible

#### Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Flow time: not determined

Vapour density: not determined

Evaporation rate: not determined

#### 9.2. Other information

Solid content: not determined

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

This information is not available.

#### 10.2. Chemical stability

This information is not available.

#### 10.3. Possibility of hazardous reactions

This information is not available.

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#### 10.4. Conditions to avoid

Do not expose to temperatures above 35 °C.

#### 10.5. Incompatible materials

This information is not available.

#### 10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

#### Further information

Do not mix with other detergents or chemicals.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

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

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
9004-78-8	Tetraethylene glycolmonophenyl ether	oral	ATE	500 mg/kg		

##### Irritation and corrosivity

Causes serious eye irritation.

Causes skin irritation.

##### Sensitising effects

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

##### STOT-single exposure

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

##### Severe effects after repeated or prolonged exposure

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

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

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

##### Aspiration hazard

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

##### Further information

Health injuries are not known or expected under normal use.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No data is available on the product itself.

#### 12.2. Persistence and degradability

Cationic compounds are biodegradable only in high dilution. They are adequate diluted in sewage and become inactive through contact with other waste-water substances. Therefore solutions could be disposed of in the sewerage system.

#### 12.3. Bioaccumulative potential

This information is not available.

#### 12.4. Mobility in soil

The formulation of the product does not contain halogen organic compounds (AOX) or AOX forming halogen compounds.

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

This information is not available.

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#### **12.6. Other adverse effects**

This information is not available.

#### **Further information**

Chemical Oxygen Demand (COD) 723 mg O<sub>2</sub>/g

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Advice on disposal**

Container should be emptied thoroughly.

Do not pour remains of product in large quantities into the sewage.

##### **Waste disposal number of waste from residues/unused products**

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

##### **Waste disposal number of used product**

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

##### **Contaminated packaging**

Clean container with water. Cans or containers must be cleaned and returned to the manufacturers for recycling.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

**14.3. Transport hazard class(es):** not applicable

**14.4. Packing group:** not applicable

#### **14.6. Special precautions for user**

Not required

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not applicable

#### **Other applicable information**

Not classified as dangerous in the meaning of transport regulations.

### SECTION 15: Regulatory information

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

##### **National regulatory information**

Water contaminating class (D): 2 - water contaminating

#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### **Changes**

This data sheet contains changes from the previous version in section(s): 2 / 3

#### **Relevant R-phrases (Number and full text)**

22 Harmful if swallowed.

36/38 Irritating to eyes and skin.

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- 38 Irritating to skin.
- 41 Risk of serious damage to eyes.

#### Relevant H- and EUH-phrases (Number and full text)

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.

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