

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### EHRLE RN GlanzKonservierer

Print date: 10.08.2015

Product code: k2160\_sd

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

### 1.1. Product identifier

EHRLE RN GlanzKonservierer

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

#### Use of the substance/mixture

Product for automatic vehicle washing systems

### 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

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Indications of danger: Xi - Irritant

R phrases:

Irritating to skin.

Risk of serious damage to eyes.

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

Hazard Statements:

Causes serious eye irritation.

Causes skin irritation.

Very toxic to aquatic life with long lasting effects.

### 2.2. Label elements

Signal word: Warning  
Pictograms: GHS07-GHS09



#### Hazard statements

H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H410 Very toxic to aquatic life with long lasting effects.

#### Precautionary statements

P273 Avoid release to the environment.  
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.

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### SECTION 3: Composition/information on ingredients

(according to 648/2004/CE)

#### 3.2. Mixtures

##### Chemical characterization

cationic compounds, solubilizers, maintenance substances, dyes, fragrances (Hexylcinnamal, Linalool, Benzylsalicylate, Geraniol, Lillial)

##### 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		
	Mixture of cationic ammine salts	15 - < 20 %
-mixture	Xi - Irritant R36/38	
	Skin Irrit. 2, Eye Irrit. 2; H315 H319	
500-013-6	Tetraethylene glycolmonophenyl ether	10 - < 15 %
9004-78-8	Xn - Harmful R22	
	Acute Tox. 4; H302	
200-661-7	Isopropyl alcohol	1 - < 5 %
67-63-0	F - Highly flammable, Xi - Irritant R11-36-67	
603-117-00-0	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	

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

Avoid contact with skin and eyes.

##### 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. If eye irritation persists, consult a specialist.

##### After ingestion

Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.

#### 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.

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#### **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**

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

Avoid contact with skin and eyes.

#### **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). After cleaning, flush away traces with water. 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**

Avoid contact with skin and eyes.

##### **Advice on protection against fire and explosion**

Not 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.

##### **Advice on storage compatibility**

Keep away from food, drink and animal feedingstuffs.

##### **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**

##### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

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

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

Not required

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**Protective and hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**Eye/face protection**

Tightly fitting safety goggles

**Hand protection**

Protective gloves

Recommendation: Nitrile gloves with a coating thickness of 0.4 mm which protect at least 8 hours (corresponds to the permeability level 6 of the European norm DIN/EN 374) and provide a resistance to swelling of &lt; 15%.

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

Physical state:	liquid
Colour:	red
Odour:	pleasant

pH-Value (at 20 °C):

**Test method**  
5,0 K-QP1012C**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-QP1012EWater solubility: completely miscible  
(at 20 °C)**Solubility in other solvents**

not determined

Partition coefficient: not determined

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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.

#### **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.

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**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.

**12.6. Other adverse effects**

This information is not available.

**Further information**Chemical Oxygen Demand (COD) 1912 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

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

not applicable

### 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

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

- |       |   |
|-------|---|
| 11    | Highly flammable.                           |
| 22    | Harmful if swallowed.                       |
| 36    | Irritating to eyes.                         |
| 36/38 | Irritating to eyes and skin.                |
| 67    | Vapours may cause drowsiness and dizziness. |

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

- |      |   |
|------|---|
| H225 | Highly flammable liquid and vapour.                   |
| H302 | Harmful if swallowed.                                 |
| H315 | Causes skin irritation.                               |
| H319 | Causes serious eye irritation.                        |
| H336 | May cause drowsiness or dizziness.                    |
| H410 | Very toxic to aquatic life with long lasting effects. |

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