

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

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/cm³ 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 O₂/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.

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