

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EHRLE Super Finish

Print date: 10.08.2015

Product code: k2010_sd

Page 1 of 7

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

1.1. Product identifier

EHRLE Super Finish

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 | Telefax: 07303 1600 60 |
| e-mail: | info@ehrle.com | |

1.4. Emergency telephone number:

+49 7303-160016

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not required.

2.2. Label elements

Additional advice on labelling

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

(according to 648/2004/CE)

3.2. Mixtures

Chemical characterization

cationic compounds, water soluble solvents, solubilizers, maintenance substances, dyes

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EHRLE Super Finish

Print date: 10.08.2015

Product code: k2010_sd

Page 2 of 7

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 | 1 - < 5 % |
| 5131-66-8 | Xi - Irritant R36/38 | |
| 603-052-00-8 | Eye Irrit. 2, Skin Irrit. 2; H319 H315 | |
| 500-013-6 | Tetraethylene glycolmonophenyl ether | 1 - < 5 % |
| 9004-78-8 | Xn - Harmful R22 | |
| | Acute Tox. 4; H302 | |
| | Mixture of cationic ammine salts | 1 - < 5 % |
| -mixture | Xi - Irritant R36/38 | |
| | Skin Irrit. 2, Eye Irrit. 2; H315 H319 | |

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. If eye irritation persists, consult a specialist.

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.

Additional information

Use extinguishing measures that are appropriate to local circumstances and the surrounding

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EHRLE Super Finish

Print date: 10.08.2015

Product code: k2010_sd

Page 3 of 7

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.

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.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

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

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.

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. No special protective equipment required.

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: | light blue |
| Odour: | mild |

pH-Value (at 20 °C):

Test method
4,5 K-QP1012C

Changes in the physical state

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EHRLE Super Finish

Print date: 10.08.2015

Product code: k2010_sd

Page 4 of 7

| | |
|--|----------------|
| 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: | >100 °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): 1,00 g/cm³ K-QP1012EWater solubility: completely miscible
(at 20 °C)**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.

10.4. Conditions to avoid

Do not expose to temperatures above 35 °C.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EHRLE Super Finish

Print date: 10.08.2015

Product code: k2010_sd

Page 5 of 7

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

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

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.

12.6. Other adverse effects

This information is not available.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EHRLE Super Finish

Print date: 10.08.2015

Product code: k2010_sd

Page 6 of 7

Further information

Chemical Oxygen Demand (COD) 536 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

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

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

EU regulatory information

Additional information

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

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EHRLE Super Finish

Print date: 10.08.2015

Product code: k2010_sd

Page 7 of 7

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.

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

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- 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.)