

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### EHRLE HD FoamCleaner

Revision date: 23.08.2019

Product code: tj22003\_sd

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

### 1.1. Product identifier

Ehrle HD FoamCleaner

UFI: YF90-U0PQ-M006-K1H4

### 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

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EHRLE Sp.z o.o. | Warzymice 45 | 72-005 Przasniew, Polen | +48 91-814-5535 | www.ehrle.pl  
EHRLE Austria GmbH | Technoparkstr. 4 | 53110 Mondsee | +43 6232 903 035 702 | www.ehrle-austria.at  
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### 1.4. Notrufnummer: see SECTION 1.3

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes skin irritation.

Causes serious eye damage.

### 2.2. Label elements

#### Regulation (EC) No. 1272/2008

Signal word: Danger

Pictograms:



#### Hazard statements

H315

Causes skin irritation.

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H318 Causes serious eye damage.

#### 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

anionic surfactants 15-30%, alkalis, water soluble solvents, additives, corrosion inhibitors, fragrances (Linalool, Limonene, Citral)

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
68439-57-6	Olefin sulfonate-Na-salt			20 - < 25 %
	270-407-8		01-2119513401-57	
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
1310-73-2	Sodium hydroxide			< 2 %
	215-185-5	011-002-00-6	02-2119752469-26	
	Skin Corr. 1A; H314			

Full text of H and EUH statements: 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

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#### **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

#### **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**

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.

##### **Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.  
Do not store near acids.

##### **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**

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

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1310-73-2	Sodium hydroxide	-	2		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

Safety glasses with side-shields conforming to EN166

#### Hand protection

Suitable protective gloves recommended.

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 < 15%.

## SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	light yellow
Odour:	pleasant

pH-Value (at 20 °C):

approx. 11,5 **Test method**  
K-QP1012C

#### Changes in the physical state

Melting point:	<0 °C
Initial boiling point and boiling range:	>90 °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:	>300 °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): 1,06 g/cm<sup>3</sup> K-QP1012E

Water solubility: completely miscible  
(at 20 °C)

#### Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

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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.

##### **Irritation and corrosivity**

Causes skin irritation.

Causes serious eye damage.

##### **Sensitising effects**

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.

##### **STOT-single exposure**

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

##### **STOT-repeated exposure**

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**

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Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. The surfactants in the product meet all requirements of the detergents regulation 648/2004/EC. Readily biodegradable, according to appropriate OECD test.

#### **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.

### 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. Offer rinsed packaging material to local recycling facilities.

### SECTION 14: Transport information

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

<b><u>14.1. UN number:</u></b>	not applicable
<b><u>14.2. UN proper shipping name:</u></b>	not applicable
<b><u>14.3. Transport hazard class(es):</u></b>	not applicable
<b><u>14.4. Packing group:</u></b>	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 Marpol 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**

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#### National regulatory information

Water contaminating class (D): 2 - clearly water contaminating

#### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method

#### Relevant H and EUH statements (number and full text)

H314 Causes severe skin burns and eye damage.  
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.)*