

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Foam Plus FP

Revision date: 05.05.2017

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

1.1. Product identifier

Foam Plus FP

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 GmbH
Street: Industriestrasse 3
Place: D-89165 Dietenheim
Telephone: 07303 1600 0
e-mail: info@ehrle.com
Telefax: 07303 1600 600

1.4. Emergency telephone number:

+49 7303-1600160

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

Hazard components for labelling

Sodium Laureth Sulfate / Sodium hydroxide

Signal word: Danger

Pictograms:



Hazard statements

H318 Causes serious eye damage.
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

3.2. Mixtures

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Chemical characterization

anionic surfactants 5-15%, water soluble solvents, complexing agents, additives, alkalis, Corrosion inhibitor, fragrances (Limonene)

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfated, sodium salts			5 - < 10 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
112-34-5	2-(2-Butoxyethoxy)ethanol			1 - < 5 %
	203-961-6	603-096-00-8	01-2119475104-44	
	Eye Irrit. 2; H319			
1310-73-2	Sodium hydroxide			< 1 %
	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 eyes.

After inhalation

Take the victim into fresh air.

In the case of inhalation of aerosol/mist consult a physician if necessary.

After contact with skin

Wash off immediately with soap and plenty of 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. Do NOT induce vomiting.

If swallowed, seek medical advice immediately and show this container or label.

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.

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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.

Never return spills in original containers for re-use.

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 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.

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 ³	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL
1310-73-2	Sodium hydroxide	-	-		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

Not required

Protective and hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Eye/face protection

Safety glasses with side-shields

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Hand protection

Protective gloves

Recommendation: Nature latex gloves with parts of polychloropren latex and a coating thickness of 0.6 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: amber
Odour: mint-like

pH-Value (at 20 °C): approx. 13 **Test method** K-QP1012C

Changes in the physical state

Melting point: <0 °C
Initial boiling point and boiling range: >98 °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): 1,12 g/cm³ **Test method** 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

Flow time: not determined

Vapour density: not determined

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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 serious eye damage.

Causes skin irritation.

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

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.

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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

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Chemical Oxygen Demand (COD): 639 mg O₂/g

The product is tested according to its influences in waste water and corresponds to ÖNORM B 5106 (Austrian standard).

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)

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 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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EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 55: 2-(2-Butoxyethoxy)ethanol

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

Changes

This data sheet contains changes from the previous version in section(s): 2 / 3 / 16

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.
H412	Harmful 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.)