

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EHRLE XFT Schaumvorreiniger

Print date: 10.08.2015

Product code: k4070_sd

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2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

(according to 648/2004/CE)

3.2. Mixtures

Chemical characterization

NTA 5-15%, anionic surfactants 5-15%, nonionic surfactants <5%, alkalis, Corrosion inhibitor, fragrances (Limonene, Linalool)

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		
225-768-6	Trisodiumnitrotriacetate	10 - < 15 %
5064-31-3	Carc. Cat. 3, Xn - Harmful, Xi - Irritant R22-36-40	
	Carc. 2, Acute Tox. 4, Eye Irrit. 2; H351 H302 H319	
01-2119519239-36		
205-483-3	2-Aminoethanol	5 - < 10 %
141-43-5	C - Corrosive, Xn - Harmful R20/21/22-34	
603-030-00-8	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B; H302 H312 H332 H314	
215-185-5	Sodium hydroxide	5 - < 10 %
1310-73-2	C - Corrosive R35	
011-002-00-6	Skin Corr. 1A; H314	
02-2119752469-26		
270-116-6	Dodecylbenzylsulfonate-triethanolamine	5 - < 10 %
68411-31-4	Xi - Irritant R38-41	
	Skin Irrit. 2, Eye Dam. 1; H315 H318	
500-241-6	i-C13-Fatty alcohol polyglycol ethers 5-12 EO	1 - < 5 %
69011-36-5	Xn - Harmful, Xi - Irritant R22-41	
	Acute Tox. 4, Eye Dam. 1; H302 H318	

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

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. Take off all contaminated clothing immediately.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.

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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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

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). Flush with plenty of 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 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.

Advice on storage compatibility

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.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
141-43-5	2-Aminoethanol	1	2.5		TWA (8 h)	WEL
		3	7.6		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

General industrial hygiene practice.

Eye/face protection

Safety glasses with side-shields

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 < 15%.

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: weakly yellow
 Odour: characteristic

pH-Value (at 20 °C):

Test method
 13,5 K-QP1012C

Changes in the physical state

Melting point: <-8 °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

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Upper explosion limits: not applicable

Ignition temperature: not applicable

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): 1,20 g/cm³ K-QP1012EWater 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.

10.4. Conditions to avoid

Do not expose to temperatures above 35 °C.

10.5. Incompatible materials

Acids

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.

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CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
5064-31-3	Trisodiumnitrilotriacetate	oral	ATE	500 mg/kg		
141-43-5	2-Aminoethanol	oral	LD50	1720 mg/kg	rat	
		dermal	LD50	1025 mg/kg	rabbit	
		inhalative vapour	ATE	11 mg/l		
		inhalative aerosol	ATE	1,5 mg/l		
69011-36-5	i-C13-Fatty alcohol polyglycol ethers 5-12 EO	oral	ATE	500 mg/kg		

Irritation and corrosivity

Causes severe skin burns and eye damage.

Sensitising effects

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

STOT-single exposure

May cause respiratory irritation.

Severe effects after repeated or prolonged exposure

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

Carcinogenic/mutagenic/toxic effects for reproductionSuspected of causing cancer by swallowing. (Trisodiumnitrilotriacetate)
Possible cancer hazard**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.

12.3. Bioaccumulative potential

This information is not available.

12.4. Mobility in soil

This information is not available.

12.5. Results of PBT and vPvB assessment

This information is not available.

12.6. Other adverse effects

This information is not available.

Further informationChemical Oxygen Demand (COD) 570 mg O₂/g

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not dispose of waste into sewer.

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: UN 1824
14.2. UN proper shipping name: SODIUM HYDROXIDE, SOLUTION
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8



Classification code: C5
Limited quantity: LQ22
Excepted quantity: E2
Transport category: 2
Hazard No: 80
Tunnel restriction code: E

Marine transport (IMDG)

14.1. UN number: UN 1824
14.2. UN proper shipping name: SODIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8



Special Provisions: -
Limited quantity: 1 L
Excepted quantity: E2
EmS: F-A, S-B
Segregation group: alkalis

14.5. Environmental hazards

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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

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)

20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
22	Harmful if swallowed.
34	Causes burns.
35	Causes severe burns.
36	Irritating to eyes.
38	Irritating to skin.
40	Limited evidence of a carcinogenic effect.
41	Risk of serious damage to eyes.

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

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer by swallowing.
H351	Suspected of causing cancer.

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