

* Detaprofi Ferex

Date revised: 29.05.2015

8420015

Version: 6 / EU

: MA-213

Date of printing: 02.06.15

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Trade name**

Detaprofi Ferex

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

spotting agent

1.3. Details of the supplier of the safety data sheet

BÜFA Reinigungssysteme

GmbH & Co. KG

August-Hanken-Str. 30

26125 Oldenburg

Telephone no. +49 441 9317 0

Fax no. +49 441 9317 100

Information provided Department product safety / +49 441 9317 108

by / telephone

E-mail address: produktsicherheit-rs@buefa.de

1.4. Emergency telephone number

Giftzentrale Göttingen: +49 551 19 240

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (Regulation (EC) No. 1272/2008)**

Skin Corr. 1B H314

Eye Dam. 1 H318

2.2. Label elements**Labelling according to regulation (EC) No 1272/2008****Hazard pictograms****Signal word**

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P280.2 Wear protective gloves/eye/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Ammonium bifluoride; Phosphoric acid

2.3. Other hazards

The product does not contain PBT/vPvB-substances

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SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous ingredients****Ammonium bifluoride**

CAS No.	1341-49-7	EINECS no.	215-676-4
Registration no.	01-2119489180-38-XXXX		
Concentration	>= 1 <	10 %	

Acute Tox. 3	H301
Skin Corr. 1B	H314

Phosphoric acid

CAS No.	7664-38-2	EINECS no.	231-633-2
Concentration	>= 1 <	10 %	

Skin Corr. 1B	H314
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SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. Summon a doctor immediately.

After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

Do not induce vomiting. Call in a physician immediately and show him the Safety Data Sheet.

4.2. Most important symptoms and effects, both acute and delayed

There is no further relevant information available

4.3. Indication of any immediate medical attention and special treatment needed

There is no further relevant information available

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Dry powder, Water spray jet, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Use self-contained breathing apparatus.
Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

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Keep people away and stay on the upwind side. Use breathing apparatus if exposed to vapours/dust/aerosol. Use personal protective clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

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**

Provide good ventilation of working area (local exhaust ventilation if necessary).

Containers in danger should be cooled with water.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Provide acid-resistant floor. Store product in closed containers.

Do not store together with: Alkalis

Storage class according to
TRGS 510

Caustic substances

Protect from heat and direct sunlight.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, Filter B

Hand protection

Chemical resistant gloves

Appropriate Material nitrile

Breakthrough time 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Acid-resistant protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form liquid

Colour colourless

Odour odourless

pH value

Value 3,5 to 4,5

Concentration/H₂O 1 %

Flash point

Value > 100 °C

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Density

Value 1,00 to 1,05 kg/l

Solubility in water

Remarks miscible

Viscosity

Value appr. 15,5 s

Method DIN 53211 4 mm

SECTION 10: Stability and reactivity**10.1. Reactivity**

Product reacts with: Alkalies

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Reactions with alkalies.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

10.5. Incompatible materials

Reactions with alkalies. Reactions with metals, with evolution of hydrogen.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**ATE 2.600 mg/kg
Method calculated value (Regulation (EC) No. 1272/2008)**Acute dermal toxicity**

No toxicological data are available.

Acute inhalational toxicity

No toxicological data are available.

Skin corrosion/irritation

Corrosive action on the skin and mucous membrane.

Serious eye damage/irritation

evaluation corrosive

Sensitization

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

Mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

Specific Target Organ Toxicity (STOT)

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

Aspiration hazard

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

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SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

No toxicological data are available.

Daphnia toxicity

No toxicological data are available.

Algae toxicity

No toxicological data are available.

Bacteria toxicity

No toxicological data are available.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.Do not discharge product unmonitored into the environment.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment

The product does not contain PBT/vPvB-substances

12.6. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.

Behaviour in sewers [waste treatment plants]

The product is an acid. Neutralization is normally necessary before a waste water is discharged into sewage treatment plants.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information**Land transport ADR/RID****14.1. UN number**

UN 3264

14.2. UN proper shipping name

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Ammonium bifluoride, Phosphoric acid)

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group III

Tunnel restriction code E

Marine transport IMDG/GGVSee**14.1. UN number**

UN 3264

14.2. UN proper shipping name

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14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group III

EmS F-A, S-B

SECTION 15: Regulatory information**Ingredients (Regulation (EC) No 648/2004)**

less than 5 %:

phosphonates

National regulations Switzerland

SFOPH T no. 1374638

VOC

VOC (EU) 0 %

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

CLP categories listed in Chapter 3

Acute Tox. 3 Acute toxicity, Category 3

Skin Corr. 1B Skin corrosion, Category 1B

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.