

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eilfix® Concentryl ActiveFoam

Revision date: 08.01.2016

Product code: 100102

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

Eilfix® Concentryl ActiveFoam

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

Cleaning agent, alkaline

1.3. Details of the supplier of the safety data sheet

Company name:	Becker Chemie GmbH	
Street:	Westring 87-89	
Place:	D-33818 Leopoldshöhe	
Telephone:	+49(0)5202-9923-0	Telefax: +49(0)5202-9923-12
e-mail:	info@becker-chemie.de	
Contact person:	Dr. Bogner	Telephone: +49(0)5202-9923-0
e-mail:	info@becker-chemie.de	
Internet:	www.becker-chemie.de	
Responsible Department:	Department product safety tel.: +49(0)5202-9923-0	

1.4. Emergency telephone number:

+49(0)160-92250872

Further Information

Restricted to professional users. Safety data sheet available for professional user on request. Notice the directions for use on the label. To avoid risks to man and the environment, comply with the instructions for use.

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

Hazard categories:

Skin corrosion/irritation: Skin Corr. 1A

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes severe skin burns and eye damage.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

caustic potash, potassium hydroxide

Dodecyltrimethylaminoxid

Signal word: Danger**Pictograms:****Hazard statements**

H314 Causes severe skin burns and eye damage.

Precautionary statements

P280 Wear protective gloves/eye protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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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/doctor.

2.3. Other hazards

Process vapors can irritate airways, skin and eyes.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
1310-58-3	caustic potash, potassium hydroxide			5-15 %
	215-181-3	019-002-00-8		
	Acute Tox. 4, Skin Corr. 1A; H302 H314			
308062-28-4	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides			1 - < 5 %
	931-292-6		01-2119490061-47	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 2; H302 H315 H318 H400 H411			

Full text of H and EUH statements: see section 16.

Further Information

 Labelling for contents according to regulation (EC) No. 648/2004:
 < 5 % non-ionic surfactants.

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

Take off immediately all contaminated clothing, including underwear and shoes. Do NOT induce vomiting. Let water be drunk in little sips (dilution effect).

After inhalation

Following inhalation: Move victim to fresh air. Consult physician. In case of breathing difficulties administer oxygen. Call a physician immediately. If victim is at risk of losing consciousness, position and transport on their side.

After contact with skin

After contact with skin, wash immediately with: Water. Wash thoroughly the body (shower or bath).

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Call a physician immediately. Let water be drunk in little sips (dilution effect). Do not leave affected person unattended.

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

Ätzwirkung auf Haut, Augen und Atmungsorgane; Kopfschmerzen, Übelkeit; Magen-Darm-Beschwerden.

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

Symptomatische Behandlung (Dekontamination, Vitalfunktionen), kein spezifisches Antidot bekannt.

SECTION 5: Firefighting measures

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5.1. Extinguishing media
Suitable extinguishing media

The product itself does not burn.
Taking a vote on surroundings fire.

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

Wear chemical resistant suit. In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

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

Put on protection equipment and keep away unprotected persons.

6.3. Methods and material for containment and cleaning up

High slip hazard because of leaking or spilled product. Remove persons to safety. Do not allow to enter into surface water or drains. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Information for safe handling see chapter 7.
Information for personal protective equipment see Chapter 8.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Advice on safe handling

All work processes must always be designed so that the following is excluded: skin contact. Eye contact. inhalation. Keep only in the original container.

Further information on handling

Store only in original container.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels

Keep locked up and out of the reach of children. Keep only in the original container in a cool, well-ventilated place.

Advice on storage compatibility

Materials to avoid: Acid. Keep away from food, drink and animal feedingstuffs.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1310-58-3	Potassium hydroxide	-	-		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL

Additional advice on limit values

Observe in addition any national regulations!

8.2. Exposure controls

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Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work. Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Keep away from: food, feeding stuff Contact with the skin and inhalation of aerosols/vapors from the preparation must be avoided.

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses. Eye-shade. German Industry Norms (DIN) / European Norms (EN): DIN EN 165

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The instructions and details of the protective glove manufacturer for use, storage, maintenance and replacement must be followed.

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374

Skin protection

Suitable protective clothing: Apron. Boots. Required properties: liquid-tight. leachate-proof. The type of personal protection equipment has to be chosen based on the concentration and amount of the dangerous substance at the workplace.

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values With correct and proper use, and under normal conditions, breathing protection is not required.

Suitable respiratory protective equipment: Full-/Half-/Quarter-Masks (DIN EN 136/140).

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

Physical state:	liquid
Colour:	light yellow
Odour:	product-specific

	Test method
pH-Value (at 20 °C):	14
Changes in the physical state	
Melting point:	Don't decide
Initial boiling point and boiling range:	ca. 100 °C
Sublimation point:	Don't decide
Softening point:	Don't decide
Flash point:	Don't decide
Flammability	non-flammable
Solid:	Don't decide
Gas:	Don't decide
Lower explosion limits:	Don't decide
Upper explosion limits:	Don't decide
Ignition temperature:	Don't decide

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Auto-ignition temperature

Solid: Don't decide

Gas: Don't decide

Vapour pressure: Don't decide

Vapour pressure: Don't decide

Density (at 20 °C): 1,1 g/cm³

Bulk density: Don't decide

Solubility in other solvents

Don't decide

Partition coefficient: Don't decide

Viscosity / dynamic: Don't decide

Viscosity / kinematic: Don't decide

Flow time: Don't decide

Vapour density: Don't decide

Evaporation rate: Don't decide

Solvent separation test: Don't decide

Solvent content: Don't decide

9.2. Other information

Solid content: Don't decide

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

Which one forms an explosive mixture together with air is etching on many metals released in which hydrogen.

10.2. Chemical stability

No decomposition at storage as agreed and handling.

10.3. Possibility of hazardous reactions

No dangerous reactions at a correct storage and handling.

10.4. Conditions to avoid

Offering protection against frost.

10.5. Incompatible materials

Violent reaction with: Acid.

10.6. Hazardous decomposition products

No decomposition at storage as agreed and handling.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

There are no data available on the preparation/mixture itself.

Acute toxicity

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

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CAS No	Chemical name			
	Exposure route	Dose	Species	Source
1310-58-3	caustic potash, potassium hydroxide			
	oral	LD50 273 mg/kg	Rat	RTECS
308062-28-4	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides			
	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.

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.

Specific effects in experiment on an animal

There are no data available on the preparation/mixture itself.

Practical experience
Observations relevant to classification

No information available.

SECTION 12: Ecological information
12.1. Toxicity

There are no data available on the preparation/mixture itself.

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
1310-58-3	caustic potash, potassium hydroxide				
	Acute fish toxicity	LC50 80 mg/l	96 h	Gambusia affinis	IUCLID

12.2. Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

Further information

Product may not be released into water without pre-treatment.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	UN 1814
14.2. UN proper shipping name:	POTASSIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8



Classification code:	C5
Limited quantity:	1 L
Excepted quantity:	E2
Transport category:	2
Hazard No:	80
Tunnel restriction code:	E

Inland waterways transport (ADN)

14.1. UN number:	UN 1814
14.2. UN proper shipping name:	POTASSIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8



Classification code:	C5
Limited quantity:	1 L
Excepted quantity:	E2

Marine transport (IMDG)

14.1. UN number:	UN 1814
14.2. UN proper shipping name:	POTASSIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8



Special Provisions: -

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Limited quantity: 1 L
 Excepted quantity: E2
 EmS: F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1814
14.2. UN proper shipping name: POTASSIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es): 8
14.4. Packing group: II
 Hazard label: 8



Special Provisions: A3 A803
 Limited quantity Passenger: 0.5 L
 Passenger LQ: Y840
 Excepted quantity: E2
 IATA-packing instructions - Passenger: 851
 IATA-max. quantity - Passenger: 1 L
 IATA-packing instructions - Cargo: 855
 IATA-max. quantity - Cargo: 30 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information

2010/75/EU (VOC): < 3 %

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
 Labelling according to Regulation (EC) No. 1272/2008 [CLP]
 Classification according to Regulation (EC) No. 1272/2008 [CLP]

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

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

SECTION 16: Other information
Changes

This data sheet contains changes from the previous version in section(s): 1,3,11,12,14,15.

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H400 Very toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.

Further Information

The processing and application notes are on the technical leaflets to the products. The details are based on

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today's stand of our knowledge, they don't represent any assurance of product qualities, however, and don't justify any contractual facts of the case.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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