

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Eilfix® Spülan Pulver

Print date: 27.04.2016

Product code: 100113

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

Eilfix® Spülan Pulver

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

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

Hazard categories:

Acute toxicity: Acute Tox. 4

Skin corrosion/irritation: Skin Corr. 1B

Serious eye damage/eye irritation: Eye Dam. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Harmful if swallowed.

May cause respiratory irritation.

Causes severe skin burns and eye damage.

Harmful to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazardous components which must be listed on the label**

disodium metasilicate

troclosene sodium, dihydrate

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

H302	Harmful if swallowed.
H335	May cause respiratory irritation.
H314	Causes severe skin burns and eye damage.
H412	Harmful to aquatic life with long lasting effects.

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Precautionary statements

- P260 Do not breathe dust.
 P280 Wear protective gloves/eye protection.
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 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.

Special labelling of certain mixtures

- EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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]			
6834-92-0	disodium metasilicate			>30 %
	229-912-9	014-010-00-8		
	Skin Corr. 1B, STOT SE 3; H314 H335			
497-19-8	sodium carbonate			>30 %
	207-838-8	011-005-00-2		
	Eye Irrit. 2; H319			
68439-51-0	Alcohols, C12-14, ethoxylated propoxylated			1 - < 5 %
	931-986-9			
	Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 3; H319 H400 H412			
51580-86-0	troclosene sodium, dihydrate			< 1 %
	220-767-7	613-030-01-7		
	Acute Tox. 4, Eye Irrit. 2, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H302 H319 H335 H400 H410 EUH031			

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

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

- Change contaminated clothing.
 Do NOT induce vomiting.

After inhalation

- Following inhalation: Move victim to fresh air. Consult physician.
 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.
 Do not wash off with soap or other alkaline cleaning agents.

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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

Call a physician immediately.

Do NOT induce vomiting.

Let water be drunk in little sips (dilution effect).

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

No data available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂).

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Heating up or in the fire case formation of poisonous gasses possible.

5.3. Advice for firefighters

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

Additional information

Contaminated fire-fighting water must not get into the sewerage network.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.

Take up mechanically, placing in appropriate containers for disposal.

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

Avoiding dust formation.

Advice on protection against fire and explosion

The product is not: Combustible.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container.

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Keep in a cool, well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls



Protective and hygiene measures

Keep away from: food beverages feeding stuff
 Do not eat, drink, smoke or sneeze at the workplace.
 Take off immediately all contaminated clothing.
 Wash hands before breaks and after work.
 Avoid contact with skin, eyes and clothes.

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses.

Hand protection

Tested protective gloves are to be worn:
 Suitable material: PVC (Polyvinyl chloride). PE (polyethylene).
 German Industry Norms (DIN) / European Norms (EN): DIN EN 374

Skin protection

Body protection: not required.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	white
Odour:	characteristic

pH-Value (at 20 °C):	14	Test method
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Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Sublimation point:	not determined
Softening point:	not determined
Flash point:	not determined

Flammability

Solid:	not determined
Gas:	not determined

Explosive properties

not Explosive.

Lower explosion limits:	not determined
Upper explosion limits:	not determined

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Ignition temperature: not determined

Auto-ignition temperature

Solid: not determined

Gas: not determined

Oxidizing properties

not determined

Vapour pressure: not determined

Vapour pressure: not determined

Density: -

Bulk density: not determined

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

Solvent separation test: not determined

Solvent content: not determined

9.2. Other information

Solid content: not determined

not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions at a correct storage and handling.

10.4. Conditions to avoid

No dangerous reactions at a correct storage and handling.

10.5. Incompatible materials

Materials to avoid: Acid.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.

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

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

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CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
6834-92-0	disodium metasilicate				
	oral	LD50 mg/kg	800 - 1400	rat	
497-19-8	sodium carbonate				
	oral	LD50	4090 mg/kg	Rat	IUCLID
51580-86-0	troclosene sodium, dihydrate				
	oral	ATE	500 mg/kg		

Irritation and corrosivity

Irritant effect on the eye: corrosive.

Irritant effect on the skin: corrosive.

Sensitising effects

not sensitising.

Specific effects in experiment on an animal

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

Additional information on tests

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

No environmental toxicological data available.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
6834-92-0	disodium metasilicate					
	Acute fish toxicity	LC50	3185 mg/l	96 h	Brachydanio rerio	OECD 203
	Acute crustacea toxicity	EC50	4857 mg/l	48 h	Daphnia magna	
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus	
	Acute crustacea toxicity	EC50	265 mg/l	48 h	Daphnia magna	IUCLID

12.2. Persistence and degradability

The Tenside used in the mixture correspond to the Detergenzienverordnung (no. 648/2004) and are degradable completely aerobically. The product doesn't contribute to the AOX value of the water.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.6. Other adverse effects

No data available

Further information

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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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.

Dispose of waste according to applicable legislation.

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information
Land transport (ADR/RID)

14.1. UN number:	UN 3262
14.2. UN proper shipping name:	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Dinatriumtrioxosilicat)
14.3. Transport hazard class(es):	8
14.4. Packing group:	III
Hazard label:	8



Classification code:	C6
Special Provisions:	274
Limited quantity:	5 kg
Excepted quantity:	E1
Transport category:	3
Hazard No:	80
Tunnel restriction code:	E

Inland waterways transport (ADN)

14.1. UN number:	UN 3262
14.2. UN proper shipping name:	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Dinatriumtrioxosilicat)
14.3. Transport hazard class(es):	8
14.4. Packing group:	III
Hazard label:	8



Classification code:	C6
Special Provisions:	274
Limited quantity:	5 kg
Excepted quantity:	E1

Marine transport (IMDG)

14.1. UN number:	UN 3262
14.2. UN proper shipping name:	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (DISODIUM TRIOXOSILICATE)
14.3. Transport hazard class(es):	8
14.4. Packing group:	III
Hazard label:	8



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Special Provisions: 223, 274
 Limited quantity: 5 kg
 Excepted quantity: E1
 EmS: F-A, S-B

Air transport (ICAO)

14.1. UN number: UN 3262
14.2. UN proper shipping name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (DISODIUM TRIOXOSILICATE)
14.3. Transport hazard class(es): 8
14.4. Packing group: III
 Hazard label: 8



Special Provisions: A3 A803
 Limited quantity Passenger: 5 kg
 Passenger LQ: Y845
 Excepted quantity: E1
 IATA-packing instructions - Passenger: 860
 IATA-max. quantity - Passenger: 25 kg
 IATA-packing instructions - Cargo: 864
 IATA-max. quantity - Cargo: 100 kg

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

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

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.
 EUH031 Contact with acids liberates toxic gas.
 EUH206 Warning! Do not use together with other products. May release dangerous gases

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(chlorine).

Further Information

The processing and application notes are on the technical leaflets to the products. The details are based on 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 data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)