

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

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BECO FilterAid

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

1.1. Product identifier

Trade name/designation:

BECO FilterAid

Additional information:

The substance does not require registration according to REACH.;

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

Use of the substance/mixture:

Filter Aid

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Eaton Technologies GmbH

Langenlonsheim Branch

An den Nahewiesen 24

55450 Langenlonsheim

Germany

Telephone: +49 6704 204-0 (Diese Nummer ist nur zu Bürozeiten besetzt.)

Telefax: +49 6704 204-121

E-mail: SDB@Eaton.com

Website: www.eaton.com/filtration

1.4. Emergency telephone number

No data available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Additional information:

Additional information: According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3. Other hazards

Adverse physicochemical effects:

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

Adverse human health effects and symptoms:

Do not breathe dust.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Description:

Perlite (CAS No. 93763-70-3; EINECS No. 310-127-6)

Cellulose (CAS No. 9004-34-6; EINECS No. 232-674-9)

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SECTION 4: First aid measures

4.1. Description of first aid measures

Following inhalation:

Provide fresh air. Remove person to fresh air and keep comfortable for breathing. Inhalation of dust may cause irritation of the respiratory system.

In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap.

After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion:

Rinse mouth immediately and drink plenty of water. Water, to which activated charcoal may be added

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Suitable extinguishing media: Carbon dioxide (CO₂), Water spray, Foam

Unsuitable extinguishing media:

Strong water jet

5.2. Special hazards arising from the substance or mixture

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

5.3. Advice for firefighters

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

Protective clothing

5.4. Additional information

No data available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Provide adequate ventilation. Avoid dust formation. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Only use the material in places where open light, fire and other flammable sources can be kept away.

Protective equipment:

Wear personal protection equipment.

6.1.2. For emergency responders

Personal protection equipment:

Remove all sources of ignition. Provide adequate ventilation.

6.2. Environmental precautions

Take up mechanically, placing in appropriate containers for disposal. Treat the recovered material as prescribed in the section on waste disposal.

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6.3. Methods and material for containment and cleaning up

For cleaning up:

Take up mechanically. Avoid dust formation.

Wash with plenty of water.

6.4. Reference to other sections

No data available

6.5. Additional information

No data available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Avoid dust formation. Provide adequate ventilation as well as local exhaustion at critical locations. In case of insufficient ventilation, wear suitable respiratory equipment.

When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Keep container tightly closed in a cool place. Keep container dry. Keep container in a well-ventilated place. Keep away from heat.

Hints on storage assembly:

Do not camp down with smell intensive materials. The material can adsorb smell-intensive material because of its big surface.

Protect from sunlight.

Further information on storage conditions:

Storage class: 10-13

7.3. Specific end use(s)

Recommendation:

Handle and open container with care.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Avoid dust formation. Dust should be exhausted directly at the point of origin.

8.2.2. Personal protection equipment

Eye/face protection:

Tightly sealed safety glasses.

Skin protection:

Protect skin by using skin protective cream.

Suitable material: PVC (Polyvinyl chloride)

Respiratory protection:

Respiratory protection necessary at: high concentrations, dust formation

Suitable respiratory protection apparatus: Filtering device (DIN EN 147) P 2

Other protection measures:

Protective clothing: No special measures are required.

General health and safety measures: When using do not eat, drink, smoke, sniff.

Wash hands before breaks and after work.

8.2.3. Environmental exposure controls

No data available

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8.3. Additional information

Occupational exposure limit values:

limiting value of inert dust (alveolar content) : 3 mg/m³ TRGS 900

limiting value of inert dust (breathable content): 10 mg/m³

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Powder

Colour: grey-white

Odour: odourless

Safety relevant basis data

parameter		at °C	Method	Remark
pH	6 - 8	20 °C		Gehalt an gelöster Substanz: 10%
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	<i>not determined</i>			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	<i>not determined</i>			
Bulk density	100 - 200 kg/m ³			
Water solubility (g/L)	<i>not determined</i>			
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			

9.2. Other information

Entzündlichkeit (Feststoff/Gas): not relevant

Selbstentzündlichkeit (Feststoff/Gas): not relevant

Oxidising properties: not relevant

Explosionsgefahr: not relevant

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

10.4. Conditions to avoid

No special measures are required.

10.5. Incompatible materials

No data available

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10.6. Hazardous decomposition products

Hydrofluoric acid-products containing silica may react violently with Hydrofluoric acid. Silicon tetrafluoride is evolved, which is hazardous.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
93763-70-3	Perlite	LD ₅₀ oral: 12,900 mg/kg (Mouse)

Acute oral toxicity:

Toxicological data are not available.

Ingestion of small to moderate quantities is not considered harmful, but may cause irritation of the mouth, throat and stomach.

Acute dermal toxicity:

Toxicological data are not available.

Acute inhalation toxicity:

Toxicological data are not available.

After inhalation of dust: slight mucosal irritations.

Skin corrosion/irritation:

Irritant effect on the skin: Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Eye damage/irritation:

slightly irritant but not relevant for classification.

Carcinogenicity:

No data available

STOT-single exposure:

No data available

STOT-repeated exposure:

No data available

Additional information:

Specific symptoms in animal studies: No data available

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

not determined

Terrestrial toxicity:

not determined

Effects in sewage plants:

not determined

12.2. Persistence and degradability

Additional information:

Further ecological information: According to the present state of knowledge negative ecological effects are not expected.

12.3. Bioaccumulative potential

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No data available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product:

Remark:

The waste code numbers according to the German Waste Catalogue are substance-related, while the Waste code numbers according to the European Waste Catalogue (EWC code) are source-related. The exact assignment to a waste code according to the EWC code can only be undertaken by the user who generates waste products from them requiring disposal.

Waste treatment options

Appropriate disposal / Package:

Non-contaminated packages may be recycled.

13.2. Additional information

No data available

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.

not relevant

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

Additional information:

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU legislation

No data available

15.1.2. National regulations

 [DE] National regulations

Water hazard class (WGK)

WGK:

nwg - nicht wassergefährdend

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Source:

S Selbsteinstufung

15.2. Chemical Safety Assessment

No data available

15.3. Additional information

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

16.6. Training advice

No data available

16.7. Additional information

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.