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

1.1. Product identifier
Trade name/designation:

BECOGUR 100, BECOGUR 200, BECOGUR 1200

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

Additional information:
Additional information: Acute inhalation may cause dryness of the nasal passages and congestion of the upper respiratory tract. Remove person to fresh air when exposed to high concentrations.
Do not breathe dust.
May cause irritation or inflammation. Wash with generous quantities of water. Avoid rubbing eyes.
Not absorbed by skin. May cause dryness. Use moisture renewing lotions.
Ingestion of small to moderate quantities is not considered harmful, but may cause irritation of the mouth, throat and stomach.

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
No data available
### SECTION 3: Composition / information on ingredients

#### 3.1. Substances

**Description:**
Diatomaceous Earth, Calcined, CAS Nr. 91053-39-3, EINECS Nr. 293-303-4 100% by weight.

Other components:
Cristobalite (Respirable), CAS-Nr. 14464-46-1, EINECS Nr. 238-455-4 < 1% by weight
Respirable crystalline silica per SWeRF calculation (particle size distribution).

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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

**Following inhalation:**
Provide fresh air. Inhalation of dust may cause irritation of the respiratory system.

**In case of skin contact:**
After contact with skin, wash immediately with plenty of water and soap. Protect skin by using skin protective cream.

**After eye contact:**
In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion:**
Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting.

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

Acute inhalation may cause dryness of the nasal passages and congestion of the upper respiratory tract. Remove person to fresh air when exposed to high concentrations.
May cause irritation or inflammation. Wash with generous quantities of water. Avoid rubbing eyes.
Not absorbed by skin. May cause dryness. Use moisture renewing lotions.
Ingestion of small to moderate quantities is not considered harmful, but may cause irritation of the mouth, throat and stomach.

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

**Unsuitable extinguishing media:**
No data available

#### 5.2. Special hazards arising from the substance or mixture

The product is not: Flammable, Spontaneously flammable. Explosive
This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

#### 5.3. Advice for firefighters

No special fire protection measures are necessary.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
Personal precautions:
Avoid dust formation. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Wear personal protection equipment.

6.1.2. For emergency responders
No data available

6.2. Environmental precautions
No special environmental measures are necessary.

6.3. Methods and material for containment and cleaning up
For cleaning up:
Take up mechanically. Avoid dust formation. Wear suitable protective clothing.

6.4. Reference to other sections
No data available

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Protective measures
Advises 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.
Handle and open container with care.
Prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels:
Avoid dust formation. Keep container tightly closed in a cool, well-ventilated place. Prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.
Store in a dry place to maintain packaging integrity and product quality.

Hints on storage assembly:
Do not store together with: Hydrogen fluoride

7.3. Specific end use(s)
No data available

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.
If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organizational measures e.g. by isolating personnel from dusty areas.

8.2.2. Personal protection equipment
Eye/face protection:
Tightly sealed safety glasses.

Skin protection:
Hand protection: not required.
Protect skin by using skin protective cream.
Respiratory protection:
Respirators approved for protection against dust containing crystalline silica recommended.
Suitable respiratory protection apparatus: Filtering device (DIN EN 147) P 2

Other protection measures:
Protective clothing: Take off immediately all contaminated clothing.
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

8.3. Additional information
Germany has no more OEL for quartz, cristobalite and tridymite.

Substance: Quarz
Country Exposure Limit at the workplace
Belgium, Denmark, USA, France, Portugal, Italia, Sweden, Norway, Greece 0,10 (RD)
Netherlands 0,075 (RD)
Switzerland, Austria 0,15 (FD)
Finland 0,20 (FD)
Bulgaria 0,07
GUS 1,0
Slovakia 1,0
Ireland 0,40 (RD)
United Kingdom 0,30 (RD)

RD: Respirable Dust; FD: Fine Dust

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
Physical state: Powder
Odour: Odorless (slightly earthy when moist)

Colour: brown, light brown, pink, dark pink

Safety relevant basis data

<table>
<thead>
<tr>
<th>parameter</th>
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<th>Method</th>
<th>Remark</th>
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<tr>
<td>Freezing point</td>
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<td>Initial boiling point and boiling range</td>
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<td>Decomposition temperature</td>
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<td>Flash point</td>
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<td>Evaporation rate</td>
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<td>Auto-ignition temperature</td>
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<td>Upper/lower flammability or explosive limits</td>
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<td>Vapour pressure</td>
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<td>Bulk density</td>
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<tr>
<td>Kinematic viscosity</td>
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</table>
BECOGUR 100, BECOGUR 200, BECOGUR 1200

9.2. Other information
Entzündlichkeit (Feststoff/Gas): Non-flammable.
Selbstentzündlichkeit (Feststoff/Gas): Non-flammable. Spontaneously flammable.
Explosionsgefahr: The product is not: Explosive

SECTION 10: Stability and reactivity

10.1. Reactivity
none

10.2. Chemical stability
The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
Violent reaction with: Hydrogen fluoride

10.4. Conditions to avoid
No special measures are required.

10.5. Incompatible materials
No data available

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
Acute oral toxicity:
Based on available data, the classification criteria are not met.

Acute inhalation toxicity:
Based on available data, the classification criteria are not met.

Skin corrosion/irritation:
Based on available data, the classification criteria are not met.

Serious eye damage/irritation:
Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation:
Based on available data, the classification criteria are not met.

Carcinogenicity:
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Genotoxicity :in vitro: Based on available data, the classification criteria are not met.
Carcinogenicity: 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:
Kieselgur Calcined with less than 1% respirable cristobalite.
Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity
Aquatic toxicity:
not determined

Terrestrial toxicity:
not determined

Effects in sewage plants:
not determined
BECOGUR 100, BECOGUR 200, BECOGUR 1200

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
not relevant

12.6. Other adverse effects
No data available

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 allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options

Appropriate disposal / Package:
Avoid dust formation. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended.

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
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

Source:
S Selbsteinstufung

Other regulations, restrictions and prohibition regulations

Training:
Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

15.2. Chemical Safety Assessment
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 substance 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.