

Identification of the substance or preparation:

BECOCEL 100, 150, 250, 400, 2000

Revision date: 21.10.2008 / 25.09.2012 Version: 2 Date of print: 25.09.2012

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifiers****BECOCEL 100, 150, 250, 400, 2000****Use of the substance/ preparation:** Filter Aid**1.2. Relevant identified uses of the substance or mixture and uses advised against**

The substance does not require registration according to Regulation (EC) No 1207/2006 [REACH].

1.3. Details of the supplier of the safety data sheet**Supplier (manufacturer/importer/
downstream user/distributor):** Eaton Technologies GmbHBegerow Product Line
An den Nahewiesen 24
55450 Langenlonsheim**Telephone:** +49 6704 204-0**Telefax:** +49 6704 204-121**E-mail (competent person):** SDB@Eaton.com**Dept. responsible for information:** Produktmanagement
Only available during office hours.**Information telephone:** +49 6704 204-0**1.4. Emergency telephone number****Dept. responsible for information:** Produktmanagement
Only available during office hours.**Emergency telephone:** +49 6704 204-0**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP):**

none/none

Classification according to Directive 67/548/EEC or 1999/45/EC:

none/none

Further remarks:

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

2.2. Label elements**2.3. Other hazards****Possible harmful physico-chemical effects:**

Dust explosive.

Possible harmful effect(s) on human beings and possible symptom(s):

Inhalation of dust may cause irritation of the respiratory system.

In case of eye contact: mild irritant.

Other hazards:

material, combustible.

SECTION 3: Composition / Information on ingredients**Chemical characterization (preparation):**

100 % Cellulose (CAS No: 9004-34-6; EC-No.:232-674-9)

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SECTION 4: First aid measures

4.1. Description of first aid measures**After inhalation:**

Provide fresh air.

In case of skin contact:

No special measures are required.

In case of eye contact:

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

After ingestion:

Rinse mouth thoroughly with water.

4.2. Most important symptoms and effects, both acute and delayed**4.3. Indication of any immediate medical attention and special treatment needed**

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media:**Carbon dioxide (CO₂). Atomized water. Foam. Dry extinguishing powder.**Extinguishing media which must not be used for safety reasons:**

High power water jet.

5.2. Special hazards arising from the substance or mixture**Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:**

Explosive dust-air mixtures may form.

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO₂).**5.3. Advice for firefighters****Special protective equipment for firefighters:**

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures**Personal precautions:**

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

See protective measures under point 7 and 8.

6.2. Environmental precautions**6.3. Methods and material for containment and cleaning up****Methods for cleaning up:**

Take up mechanically, placing in appropriate containers for disposal.

Avoid generation of dust.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advices on safe handling:**

Usual precautionary measures have to be observed when working with all combustible materials containing dusty particles.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. All work processes must always be designed so that the following is excluded: Inhalation of dust/particles

Conditions to avoid: Dust deposits.

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Take up mechanically, placing in appropriate containers for disposal.
For cleaning, approved industrial vacuum cleaners must be used, dust class: St1

Precautions against fire and explosion:

Material, combustible.

Dust explosive, Dust explosion category: ST 1

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storerooms and containers:**

Keep container tightly closed in a cool, well-ventilated place. Keep container dry.

Explosive dust-air mixtures may form.

Further information on storage conditions:

Protect from moisture.

Storage class: 10-13**7.3. Specific end use(s)****SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Technical measures:**

Avoid generation of dust. The substance should only be handled in closed apparatus or systems. Provide for sufficient ventilation and punctiform suction at critical points.

Take precautionary measures against static discharges.

Respiratory protection: Respiratory protection necessary at/for: insufficient ventilation. dust formation
Suitable respiratory protection apparatus: Full-/half-/quarter-face masks (DIN EN 136/140). P 1; P 2

Half-mask with filter according to EN 149. FF P 1 ; FF P 2

Halbmaske oder Viertelmaske: Maximale Einsatzkonzentration für Stoffe mit Grenzwerten: P1-Filter bis max. 4-facher Grenzwert; P2-Filter bis max. 10-facher Grenzwert; P3-Filter bis max. 30-facher Grenzwert.

Die Tragezeitbegrenzungen nach GefStoffV in Verbindung mit den Regeln für den Einsatz von Atemschutzgeräten (BGR 190) sind zu beachten.

Hand protection: Hand protection: not required.**Eye protection:** Eye glasses.**Body protection:** No special measures are required.

No special measures are required.

General protection and hygiene measures:

Wash hands before breaks and after work.

Mindestschutzmaßnahmen nach TRGS 500.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Physical state:** Fibres; Powder**Colour:** white**Odour:** odourless**Important health, safety and environmental information:**

		Unit	Method
pH:	5,5 - 7,5	at °C 20	100 g/l
Ignition temperature in °C:	ca. 400	°C	Godbert-Greenwald
Explosivity:	Dust explosive, Dust explosion category: ST 1		
Bulk density:	100 - 220	g/l	
Water solubility (g/l):	- unlöslich		

9.2. Other information

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SECTION 10: Stability and reactivity

10.1. Reactivity**10.2. Chemical stability****10.3. Possibility of hazardous reactions****10.4. Conditions to avoid**

Decomposition takes place from temperatures above: ca. 200 °C

Remove all sources of ignition.

10.5. Incompatible materials**10.6. Hazardous decomposition products**Hazardous combustion products Carbon dioxide (CO₂). Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects**Acute toxicity:**

Toxicological data are not available.

Specific symptoms in animal studies:

No data available

Irritant and corrosive effects:

No data available

Sensitisation:

No data available

Repeated dose toxicity:

No data available

Other observations:

Inhalation of dust may cause irritation of the respiratory system.

In case of eye contact: mild irritant.

SECTION 12: Ecological information

12.1. Toxicity**Aquatic toxicity:**

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

Terrestrial toxicity:

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

12.2. Persistence and degradability**Method:**

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

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SECTION 13: Disposal considerations

13.1. Waste treatment methods**Recommendation:**

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.

Contaminated packaging:**Recommendation:**

Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1. Land transport (ADR/RID)**14.2. Inland waterway craft (ADN/ADNR)****14.3. Sea transport (IMDG)****14.4. Air transport (ICAO-TI / IATA-DGR)****14.5. 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

Water Hazard Class: n **Source:** Anh. 1

Other regulations (EU):

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/.../ equipment.

Wear eye protection/face protection.

SECTION 16: Other information

Further remarks:

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.

E-mail (competent person):

SDB@Eaton.com