

BECODISC Stacked Disc Cartridge; contains activated carbon

B30C

C30C

Revision date: 10.09.2008 / 19.05.2015 Version: 3 Date of print: 27.05.2015



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

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

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

Use of the substance/ preparation: Filtration of liquids

1.3. Details of the supplier of the safety data sheet

**Supplier (manufacturer/importer/
downstream user/distributor):** Eaton Technologies GmbH

Begerow 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.

Do not breathe dust.

In a dry state as a result of mechanical influences or non-conforming use may lead to dust emission.

2.2. Label elements

2.3. Other hazards

Possible harmful physico-chemical effects:

No known symptoms to date.

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

No known symptoms to date.

Possible harmful effect(s) on the environment:

No known symptoms to date.

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SECTION 3: Composition / Information on ingredients

Chemical characterization (preparation):

BECODISC stacked disc cartridges are manufactured from BECO depth filter sheets using Polyolefin/Polyamid injection moulded parts and a three-part stainless steel segmented sleeve.

BECO Depth Filter Sheets

Depth filter sheet comprised of cellulose, activated carbon, kieselguhr, perlite and a resin binder approved for food contact use.

All ingredients used in the above products do not contain any material in the sense of hazardous substances.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation:

No special measures are required.

In case of skin contact:

No special measures are required.

In case of eye contact:

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:

Rinse mouth immediately and drink plenty of water.

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

No known symptoms to date.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water. Carbon dioxide (CO₂). Foam.

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:

BECODISC B-Stacked Disc Cartridges

Contains: Polyolefine.

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO₂). Formaldehyde. Acetone. Aldehyde. Formic acid.

BECODISC C-Stacked Disc Cartridges

Contains: Polyamid

In case of fire may be liberated: Ammonia. Nitrogen oxides (NO_x). Carbon monoxide. Carbon dioxide (CO₂). Amines. Aldehyde.

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

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6.1.1. For non-emergency personnel

Personal precautions:

Avoid generation of dust. Do not breathe dust.

6.1.2. For emergency responders

6.2. Environmental precautions

No special measures are required.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up:

Take up mechanically. 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:

Do not breathe dust. No special measures are required.

Precautions against fire and explosion:

Keep away from: material, combustible.

7.2. Conditions for safe storage, including any incompatibilities

Hints on joint storage:

Do not store together with: Material, combustible.

Further information on storage conditions:

Depth filters must be stored in a dry and smell-free place that is well aerated.

Protect against: UV-radiation/sunlight.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

Remarks:

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

8.2. Exposure controls

8.2.1. Appropriate engineering controls

8.2.2. Personal protective equipment

Respiratory protection: If used appropriate a breathing mask is not necessary.

Respiratory protection necessary at/for: dust formation high concentrations

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

Hand protection: Hand protection: not required.

Eye protection: Eye protection: not required.

Body protection:

Protect skin by using skin protective cream.

General protection and hygiene measures:

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

8.2.3. Environmental exposure controls:

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Physical state: solid
Colour: white beige
Odour: odourless

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Avoid generation of dust.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Toxicological data are not available.

Irritant and corrosive effects:

No known symptoms to date.

Sensitisation:

No known symptoms to date.

Repeated dose toxicity:

No known symptoms to date.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

No known symptoms to date.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

Ecological data are not available.

Further details:

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

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

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12.6. Other adverse effects

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:

Completely emptied packages can 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: S Selbsteinstufung

15.2. Chemical Safety Assessment

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):

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