

SAFETY DATA SHEET

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

Revision date: 6 Mar 2023

Print date: 13 Mar 2023

Version: 2

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Powering Business Worldwide

BECODISC BC (B02C, C02C, B03C, C03C) Stacked Disc Cartridge; contains activated carbon

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

* 1.1. Product identifier

Trade name/designation:

BECODISC BC (B02C, C02C, B03C, C03C) Stacked Disc Cartridge; contains activated carbon

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:

Filtration of liquids

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

Notfallauskunft bei Vergiftungen: Giftinformationszentrum Mainz (Deutsch und Englisch).

Emergency medical information: Poison information center Mainz (German and English).

1.4. Emergency telephone number

24h: +49 6131 19240

Notfallauskunft bei Vergiftungen: Giftinformationszentrum Mainz (Deutsch und Englisch).

Emergency medical information: Poison information center Mainz (German and English)., 24h: +49 6131 19240

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: 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

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 known symptoms to date.

Adverse human health effects and symptoms:

No known symptoms to date.

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Adverse environmental effects:

No known symptoms to date.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Description:

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 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

Following inhalation:

No special measures are required.

In case of skin contact:

No special measures are required.

After 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.

Following 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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water, Carbon dioxide (CO₂), Foam

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

BECODISC B- Stacked Disc Cartridges

Contains: Polyolefins

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

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

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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. Do not breathe dust.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

No special measures are required.

6.3. Methods and material for containment and cleaning up

For cleaning up:

Take up mechanically. Avoid dust formation.

6.4. Reference to other sections

No data available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Do not breathe dust. No special measures are required.

Fire prevent measures:

Keep away from: material, combustible.

7.2. Conditions for safe storage, including any incompatibilities

Hints on storage assembly:

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)

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

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye protection: not required.

Skin protection:

Protect skin by using skin protective cream.

Hand protection: not required.

Respiratory protection:

If used appropriate a breathing mask is not necessary.

Respiratory protection necessary at: dust formation high concentrations

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

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Other protection measures:

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: solid

Colour: black

Odour: odourless

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Avoid dust formation.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

Toxicological data are not available.

Acute dermal toxicity:

Toxicological data are not available.

Acute inhalation toxicity:

Toxicological data are not available.

Skin corrosion/irritation:

No known symptoms to date.

Respiratory or skin sensitisation:

No known symptoms to date.

Carcinogenicity:

No known symptoms to date.

Additional information:

Repeated dose toxicity (subacute, subchronic, chronic): No known symptoms to date.

11.2. Information on other hazards

No data available

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SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

Ecological data are not available.

Additional ecotoxicological information:

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

12.2. Persistence and degradability

Additional information:

Further ecological information: 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

No data available

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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:

Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

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14.7. Maritime transport in bulk according to IMO instruments

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:

nwg - nicht wassergefährdend

Source:

S Selbsteinstufung

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

1.1.	Product identifier
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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]

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.

* Data changed compared with the previous version.