

EEC Safety data sheet

according to 91/155/EEC
Revision May 21, 2003

1. Identification of the substance / preparation and company name

- Substance / preparation: ACTIVATED CARBON

- Company: Böcker Filtertechnik GmbH Telephone: +49 (0) 25 91 - 91 51 - 0
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59348 Lüdinghausen

2. Composition / Information on ingredients

- Chemical nature: Activated carbon, steam-activated
Carbon content: 85 - 99 %

- CAS no. 7440-44-0

3. Possible hazards

Hazards identification not applicable

4. First-aid measures

- If inhaled: Get fresh air, seek medical attention if there is any discomfort or irritation.

- On skin contact: Normally, the product does not cause skin irritation.
Wash with soap and water; rinse thoroughly.

- On contact with eyes: Wash affected eyes for several minutes under running water
with eyelids held open.

5. Fire fighting measures

- Suitable extinguishing media: Foam or water spray
not suitable: CO₂

- Special protective equipment: No special measures required.

6. Accidental release measures

- Personal protection: Protection against dust

- Environmental precautions: No special measures required.

- Methods for cleaning up / taking up: Take up mechanically or pneumatically and fill into
suitable container. Avoid raising dust.

7. Handling and storage

- Advice on safe handling: Keep container / packaging closed.

- Requirements for storage rooms and vessels: Store activated carbon in a dry place.

- Directions regarding storage with other products: Avoid proximity to strong oxidizing agents, solvents
and other chemicals.

- Protective measures against fire and explosion: Product is flammable.
Smoldering fire can produce carbon monoxide.

8. Exposure controls and personal protective equipment

- Additional information on layout of technical plant: No further instructions - see point 7.

- Components subject to workplace control
parameters: MAK exposure limit is the limit
for overall dust exposure of 6 mg/m³
if exceeded, excessive mechanical strain
on respiratory system may result.

Respiratory protection: Dust mask P2 Hands: Protective gloves

9. Physical and chemical properties

- | | | |
|---|---|----------------------|
| - Form: solid | Color: black | Odor: characteristic |
| - Explosive properties: | Product is not explosive, explosive dust-air mixtures may, however, form. | |
| - Bulk density / apparent density: | 400 +/- 30 | |
| - Solubility in / miscibility in water: | not soluble | |
| - pH value (4g/100ml distilled water, CO ₂ free) | ca. 6 | |
| - Ignition temperature: | > 250 °C | |

10. Stability and reactivity

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|--|---|
| - Thermic decomposition / conditions to avoid: | none |
| - Dangerous reactions: | no dangerous reactions known |
| - Hazardous decomposition products: | no hazardous decomposition products known |

11. Toxicological data

Based years of experience in handling this substance and through compliance with standard workplace hygiene regulations no negative effects have been observed.

12. Ecological data

- | | |
|------------|---|
| - General: | Aquatic toxicity class 0 (self classification): not water-toxic |
|------------|---|

13. Disposal considerations

- | | |
|-----------------------------|---|
| - Product | |
| - Recommendation: | If recycling / reactivation is not possible, product must be disposed of in accordance with applicable local regulations. |
| - Waste identification no.: | 314345 |
| - Uncleaned packaging: | |
| - Recommendation: | Dispose of in accordance with applicable regulations. |

14. Transport information

- Road transport ADR/RID and GGVS/GGVE (cross-border / inland)
- Sea transport IMDG/GVSee
- Air transport ICAO-TI and LATA-DGR

15. Regulatory information

- The product is not subject to registration as a hazardous material according to EEC directives.

16. Further information

- The information provided reflects our current standard of knowledge. It does, however, neither guarantee any product properties nor establish a contractual relationship.