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MATERIAL SAFETY DATASHEET

1. Chemical Product and Company Information

Product name: Ecosorb®
Chemical name: Activated Carbon

Company: Jacobi Carbons AB
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Sweden

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In emergency: as above

2. Hazards Identification

This product is an odorless black granule or extruded pellet. Never enter a confined space containing activated carbon as it will adsorb oxygen and asphyxiation may result. Prolonged or repeated exposure to dust may cause eye and respiratory tract irritation.

3. Composition / Information on Ingredients

Chemical characterization: Steam Activated Carbon, black.

Component	CAS number
Carbon	7440-44-0

4. First Aid Measures

Eyes:	Promptly flush with running water for 15 minutes including water under eyelids. Obtain medical attention.
Skin:	Wash affected area well with water. Remove clothing, clean and dry thoroughly before re-use. Get medical help if irritation develops.
Ingestion:	Give 1/2 pint of warm water to drink. Seek medical help urgently. Do not induce vomiting.
Inhalation:	Remove to fresh air. Get medical help if irritation develops.

5. Fire Fighting Measures

Flammable Properties:

Hazardous combustion products:	Material will burn in a fire, releasing combustion products of carbon monoxide, and carbon dioxide.
General hazards:	Other material adsorbed onto the carbon may also be released.
Extinguishing media:	Water fog, foam, dry chemical.
Fire fighting equipment:	Self-contained breathing apparatus and full body protective clothing.

6. Accidental Release Measures

Notify safety personnel for large spills. Avoid generation of dust. Collect solid for recovery or disposal. Personnel involved in clean up need protection against skin and eye contact and inhalation of dust or mist.

7. Handling and Storage

Handling:	Follow good handling and housekeeping procedures, avoid spills, accumulation of dust and generation of airborne dust. Avoid prolonged contact with skin and eyes. Avoid inhalation of dust. Wear protective gloves and safety glasses or goggles. Use in a well ventilated area.
Storage:	Store in a sealed container in a clean, dry, well ventilated area away from strong oxidizers, strong acids, ignition sources, combustible materials, and heat.

8. Exposure Controls and Personal Protection

Eye protection:	Wear safety glasses with side shields, safety goggles or a face shield, especially in dusty conditions. Provide an eye wash station nearby.
Skin protection:	Gloves and overalls should be worn when handling this product.
Respiratory protection:	A dust mask meeting CEN or NIOSH regulations should be worn when handling this product. Maximum permissable exposure limit for inert dust: 6mg/m^3. When exceeded, an irritation of respiratory tract is possible.

9. Physical and Chemical Properties (typical)

Form:	Solid
Color:	Black
Smell:	Typical
Danger of explosion:	Under normal conditions no danger of explosion. In unfavorable conditions may form an explosive dust / air mixture
Bulk density:	approx. 470-530 g/l

Solubility:	insoluble
pH value:	6-10
Ignition temperature:	>350°C
Auto-ignition:	none

10. Stability and Reactivity

Chemical Stability:	Stable.
Conditions to avoid:	Heat and ignition sources, strong oxidizers and combustible materials.
Hazardous decomposition products:	CO, CO_2
Hazardous polymerization:	None.

11. Toxicological Information: No toxicological properties

12. Ecological Information: Slightly Hazardous

13. Disposal Considerations: In accordance with local regulations.

14. Transport Information

ONU code :	1362
ADR, RID:	not dangerous (special disposure 646: steam activated carbon)
IMDG Code:	not dangerous (special disposure 925: steam activated carbon)
IATA:	UN 1362, Activated carbon, 4,2, III

15. Regulatory Information

Not classified as hazardous

16. Other information

The above information is based on our present knowledge. A guarantee of specific properties is not given.

For more information or to contact Jacobi visit: www.jacobi.net

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