

Material Safety Data Sheet

According to 2001/58/EG

DENSORB Sorbent All-Weather, part code 123-167

1. Chemical Product and Company Identification

Product Name: **DENSORB Sorbent All-Weather, part code 123-167**

Use: absorbing non-aggressive liquids

Supplier: **DENIOS AG**
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Germany

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2. Composition/Information on Ingredients

<u>CAS Registry #</u>	<u>EINECS/ELINCS</u>	<u>Component</u>
		Polyurethane-rigid foam

3. Hazards Identification

No special hazards have to be mentioned.

4. First Aid Measures

General information	None.
Inhalation	Not applicable.
Skin contact	In case of contact with skin wash off with warm water.
Eye contact	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion	Not applicable.
Advice to doctor	Treat symptomatically.

5. Fire Fighting Measures

Suitable extinguishing media	Product itself is non-combustible, fire extinguishing method of surrounding areas must be considered.
Extinguishing media that must not be used	None.
Special exposure hazards arising from the substance or preparation itself or combustion products	Risk of formation of toxic pyrolysis products. Carbon monoxide (CO).
Special protective equipment for firefighters	Use self-contained breathing apparatus. Do not inhale explosion and/or combustion gases.
Additional information	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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6. Accidental Release Measures

Personal precautions	High risk of slipping due to leakage/spillage of product.
Methods for cleaning up	Dispose of absorbed material in accordance with the regulations. Take up mechanically.
Environmental precautions	None.

7. Handling and Storage

Advice on safe handling	Avoid the formation and deposition of dust.
Advice on protection against fire and explosion	Dust can form an explosive mixture with air.
Requirements for storage rooms and vessels	Keep only in original container.
Advice on storage compatibility	Not applicable.
Further information on storage conditions	Store in a dry place.

8. Exposure Controls/Personal Protection

Additional advice on system design

Not applicable

Ingredients with occupational exposure limits to be monitored: Not applicable.

Respiratory protection	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, Filter P1.
Hand protection	Leather gloves
Eye protection	Safety glasses.
Skin protection	None
General protective measures	Do not inhale dust. Avoid contact with eyes and skin.
Hygiene measures	Wash hands before breaks and after work. Use barrier skin cream.
Delimitation and monitoring of the environmental exposition	Not determined.

9. Physical and Chemical Properties

Form:	Granules.
Colour:	Amber colour
Odour:	Uncharacteristic.
pH-value:	Not applicable.
pH-value, 1%	Not applicable.
Boiling point [°C]:	Not determined.
Flash point [°C]:	300
Flammability:[°C]	Not applicable.
Lower explosion limit:	Not applicable.
Upper explosion limit:	Not applicable.
Combustible properties:	None
Vapour pressure [kPa]:	Not applicable.

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Density [g/ml]:	Not determined. (20° C)
Bulk density [kg/m ³]:	Not determined.
Solubility in water:	Insoluble.
Partition coefficient: noctanol / water:	Not applicable.
Viscosity:	Not applicable.
Relative vapour density determined in air:	Not applicable.
Evaporation speed:	Not applicable.
Melting point [°C]:	Not determined.
Autoignition temperature [°C]:	400
Decomposition temperature [°C]:	Not applicable.

10. Stability and Reactivity

Hazardous reactions	Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.
Hazardous decomposition products	No hazardous decomposition products known.

11. Toxicological Information

Acute oral toxicity OECD 401	Not determined.
Experiences made in practice	None.
General remarks	No toxicological data are available. The product has not been tested. The information is derived from products of similar composition.

12. Ecological Information

Behaviour in sewage plant	The viscous consistency of the product can cause trouble in transport lines and purification plants.
AOX-advice	No dangerous components.
76/464/EC	Not applicable.
General information	Ecological data are not available.

13. Disposal Considerations

Disposal / Product	For recycling, consult manufacturer. For recycling, consult waste disposal centres.
Waste no. (recommended)	070299
Disposal / Contaminated packaging	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.

14. Transport Information

Classification according to ADR:	no dangerous goods
Vapour pressure [kPa]:	Not applicable.
Classification according to IMDG:	not classified as Dangerous Goods
Classification according to IATA:	not classified as Dangerous Goods

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15. Regulatory Information

Labelling: The product does not require a hazard warning label in accordance with EC directives

15.1 Special labelling for certain preparations

Not applicable.

15.2 Sources of documentation

EEC: 91/155 (2001/58); 67/548 (2004/73), 29. ATP; 1999/45 (2001/60); 91/689 (2001/118); 89/542; 1999/13

Transport information: ADR (2005); IMDG-Code (32.Amdt.); IATA-DGR (2006)

15.3 National regulations(gb)

Not determined.

16. Other Information

(Information on ingredients - Position 02)

Not applicable.

16.1 Additional information

Observe employment restrictions for people	No.
VOC, 1999/13/EG	Not applicable.
Customs Tariff	Not determined.

16.2 Information on ingredients (648/2004)

UBA-Registration	Not applicable.
648/2004/EG, contains:	Not applicable.

16.3 Modified position:

None.

NOTE: This MSDS has been prepared only for DENSORB Universal Fine Grain. The MSDS's of the chemicals used with this product must be reviewed completely, and precautions taken as described.

The information accumulated herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, DENIOS cannot give guarantees regarding the information from sources, and expressly does not make any warranties, nor assumes any liability for its uses of this product.

Disclaimer

You have purchased DENSORB products from DENIOS.

You have been provided data, product labels, MSDS's, and other information about DENSORB products.

Some DENSORB products are hazardous. Information about DENSORB products that are hazardous is furnished without guarantee. DENIOS does not guarantee the accuracy of the information about hazardous DENSORB products.

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Those products are only to be used by people having expertise in using the hazardous products.

The information provided about the hazardous products is believed to be correct. You must perform your investigation as to the safety, toxicity, suitability, and proper shipping method for any hazardous DENSORB product.

No guarantee, expressed or implied, is made by DENIOS about the results of use of its products. No guarantee is made as to the safety and toxicity of any DENSORB product.

DENIOS does not assume any liability arising out of use of DENSORB products. Additional information and research may be necessary before you use the DENSORB products. DENIOS is not responsible for damages, direct or indirect, resulting from the use of DENSORB products or from reliance on data in the MSDS or product label.

If you resell DENSORB products, you must, by law, furnish your customers a copy of MSDS's and handling instructions.

You are also required by law to insure that all DENSORB products are properly shipped.