

EC Safety Data Sheet (91/155/EEC)



Elephant Sorb Special

Created on: 28. 07. 2006

Reviewed on: 18. 05. 2007

Oil Binder – Mineral Binder for Oil and Chemicals

1. SUBSTANCE / PREPARATION AND COMPANY NAME

Trade name	Elephant Sorb Special
Manufacturer / supplier	RAW Handel und Beratungs GmbH Grünstraße 5 D-79232 March-Hugstetten Tel. +49 (0) 7665 / 934 29 - 0 Fax +49 (0) 7665 / 934 29 - 25
Contact for information	Product information, Dipl.-Ing. M. Fischer, Tel. +49 (0) 163 / 50 737 60
Emergency information (24 h)	Dipl.-Ing. M. Fischer or Toxicological Information Sources and Poison Centre in Bonn, Tel. +49 (0) 228 / 19240

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation:	Natural mineral earth of volcanic origin Amorphous sodium aluminium silicate (natural product)
Hazardous components:	None
Additional information:	Oil binder of type III/R on the basis of pumice stone (Dekra Test Report 76478-2/06 of 08/12/2006 valid until 14/06/2012)

3. HAZARD IDENTIFICATION

Hazard symbol:	Not applicable
Hazard identification:	Not applicable
Information pertaining to particular hazards for human and environment:	None
Additional information:	None

4. FIRST AID MEASURES

General information:	No special measures are required
After inhalation:	Not applicable
After skin contact:	Not applicable
After eye contact:	Rinse opened eye for several minutes under running water
After ingestion:	Seek immediately medical advice

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5. FIRE FIGHTING MEASURES

General information:	The product itself is not combustible
Suitable extinguishing media:	Water, foam, dry powder, CO ₂ , use extinguishing media appropriate to the fire in the immediate vicinity
Extinguishing media unsuitable for safety reasons:	Strong water jet
Special protective equipment:	None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Not required
Environmental measures:	After having absorbed environmental polluting contaminants, avoid spillage into sewage system, ground water, surface water or soil
Procedure for cleaning up / picking up:	Pick up mechanically

7. HANDLING AND STORAGE

Handling:

Advice on safe handling:	No special precautions are necessary
Advice on fire and explosion protection:	No special precautions are necessary

Storage:

Requirements for storage rooms and containers:	Store in a dry location
Classification according to BetrSichV (Betriebssicherheitsverordnung = Operational Safety Ordinance):	-
Advice on storage assembly:	None
Further information on storage conditions:	None

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with workplace-related limits to be monitored:

General dust threshold value: 6 mg/m³ [TRGS 900 (Technische Regel für Gefahrstoffe = Technical Standard for Hazardous Materials), as at October 1998]

Additional information: The lists valid at the moment of compiling this Data Sheet have been used as basis

Personal protective equipment:

Respiratory protection: If used as prescribed not required

Skin protection: Protective gloves

BGR 195 BGR 195 "Standards for the use of protective gloves" has to be observed (BGR: Berufsgenossenschaftliche Regel = Standard of the Professional Association)

Eye protection: Protective goggles

BGR 192 "Standards for the use of eye and face protection" has to be observed (BGR: Berufsgenossenschaftliche Regel = Standard of the Professional Association)

Body protection: Protective clothing

BGR 189 "Standards for the use of protective clothing" has to be observed (BGR: Berufsgenossenschaftliche Regel = Standard of the Professional Association)

General precautionary and hygienic measures: Keep away from food, drink and animal feeding stuffs; take off immediately all soiled and contaminated clothing; wash hands before breaks and at the end of work; avoid contact with skin and eyes; when using the product do not eat, drink, smoke, sneeze

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Granulate, solid

Odour: No odour

Colour: Grey-fawn

Boiling point: Not determined

Melting point: > 1000 °C

Bulk density: 310 kg/m³

Autoignition: The product can not ignite spontaneously

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Explosion hazard: The product is not explosive

Solubility in / miscibility with water: Not miscible and/or barely miscible

10. STABILITY AND REACTIVITY

Hazardous decomposition products: No hazardous decomposition products are known

Materials to avoid: None

Reactivity test:

Orientating reactivity test according to LTWS (Advisory Board of the German Federal Ministry of Environment for "Storage and Transport of Water Pollutants") No. 31 for the labelling code letters A, B, F and P. Binding agents with suitability for:

Acids	Labelling code letter A
Basic (alkaline) substances (lyes)	Labelling code letter B
Highly flammable, combustible liquids	Labelling code letter F
Aqueous and polar liquids	Labelling code letter P
Oxidants	Labelling code letter O

11. TOXICOLOGICAL INFORMATION

Acute toxicity: None

Skin: In general the product is not skin irritant

Eyes: No irritant effect

Additional toxicological information: According to our experience and present state of knowledge, the product causes no damaging effects if used as directed; on the basis of the latest version of the EC lists, the material requires no labelling

12. ECOLOGICAL INFORMATION

General information:

According to the criteria of the EC classification and labelling "dangerous to the environment", defined in Directive 93/21/EEC, the product requires **no** classification and labelling as dangerous to the environment.

13. DISPOSAL CONSIDERATIONS

Contaminated product: Disposal according to the waste code number of the absorbed product in the European Waste Catalogue

Product not contaminated: Small quantities can be disposed of together with household waste, or European Waste Catalogue 010102 (Wastes from mineral non-metalliferous excavation)

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Uncleaned packaging: Disposal according to official regulations

Completely empty packaging: Disposal according to official regulations

14. TRANSPORT INFORMATION

GGVS/GGVE: None **RID/ADR:** None

IMCO Code: None **UN No.:** None

IATA No.: None

No dangerous good according to above mentioned regulations.

15. REGULATORY INFORMATION

Labelling in accordance with EC Directives:

Hazard symbol: Not applicable

Hazard label: Not applicable

Water endangering: Inorganic product hardly soluble in water. Can be mechanically separated in wastewater treatment plants to a large extent

Water hazard class: WGK 1 (self-classifying); see paragraph 12

16. OTHER INFORMATION

The information is based on the present state of our knowledge. However, it shall not represent a guarantee for the properties of the product and shall not establish a legally valid contractual relationship.