

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

1.1. Product identifier

Product form	: Substance
Trade name	: Elephant Sorb, coarse grained / Elephant Sorb Special, fine grained
Chemical name	: Natural pyroclastic material, pumice stone, amorphous sodium aluminium silicate

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture	: Mineral based absorbing agent for oil and chemicals Additional information: 1.The oil sorbent based on pumice stone does comply with all criteria of DWA-A 716-1 (July 2011) and DWA-A 716-9 (December 2014) for the group "R". (DEKRA test report PB2338018 from Jul 12, 2023 valid until 12.07.2028 for Elephant Sorb, coarse grained, DEKRA test report PB2338013 from Jul 12, 2023 valid until 12.07.2028 for Elephant Sorb Special, fine grained) 2.Chemical binders based on pumice stone (DEKRA test report 79020C/08 from 09.04.2009) 3.Biodiesel binder based on pumice stone (DEKRA test report 78742/07 from 30.11.2007)
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1.2.2. Uses advised against

Restrictions on use	: Not to be used to absorb hydrofluoric acid
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1.3. Details of the supplier of the safety data sheet

Supplier

RAW Handel und Beratungs GmbH
Gutachstraße 19
79822 Titisee-Neustadt
T +49 (0) 7651/ 17 64 00-0 - F +49 (0) 7651 / 17 64 00-25

Safety Data Sheet

sdb@raw-international.com

1.4. Emergency telephone number

Emergency number	: +49 (0) 7651 / 17 64 00-0 (German language, Mo. - Th., 8:00 - 16:00 und Fr. 8:00 - 12:00)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Comments (on top of composition)	: Natural pyroclastic material, pumice stone, amorphous sodium aluminium silicate Natural product according to annex V, No. 8 of regulation (EC) No. 1907/2006; exempted from the obligation of registration
Name	: Elephant Sorb, coarse grained / Elephant Sorb Special, fine grained

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.
First-aid measures after ingestion	: Rinse mouth with water, do not induce vomiting, call a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: The product is not flammable. Making extinguishing agents environment-friendly.
Unsuitable extinguishing media	: None known.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions	: Do not allow run-off from fire fighting to enter drains or water courses.
Protection during firefighting	: Evacuate the danger area. Keep public away from danger area. Extra personal protection: complete protective clothing including self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid dust formation. Do not breathe dust.

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment. (See Heading 8).

6.1.2. For emergency responders

Protective equipment : Wear personal protective equipment. (See Heading 8).

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

For containment : Mechanically recover the product. The product itself is used for containment.

6.4. Reference to other sections

Precautionary measures fire : SECTION 5. Personal protective equipment : SECTION 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Avoid dust formation. Do not breathe dust. In case of handling contaminated material, precaution measures have to be adapted to the nature of the absorbed contaminant.
Precautions for safe handling	: Avoid contact with skin and eyes.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Protect from moisture. Store in a well-ventilated place. Place spent adsorbent in sealed packages and contact specialist waste disposal contractor.
Incompatible products	: Not to be used to absorb hydrofluoric acid.
Storage temperature	: Store at room temperature
Special rules on packaging	: Keep in original containers.

7.3. Specific end use(s)

Mineral based absorbing agent for oil and chemicals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Respiratory protection : Not required for normal conditions of use
Other information : Select personal protection equipment according to the contaminant when handling contaminated binding agent.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Granular solid
Colour : Beige
Odour : odourless
Odour threshold : No data available
pH : Not applicable.
Relative evaporation rate (butylacetate=1) : No data available
Melting point : > 1000 °C (Bibliographic results)
Freezing point : No data available
Boiling point : No data available
Flash point : Not applicable.
Auto-ignition temperature : Not self-igniting
Decomposition temperature : No data available
Flammability (solid, gas) : Not flammable
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Solubility : Water: Insoluble
Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : None.
Oxidising properties : None.
Explosive limits : No data available

9.2. Other information

Bulk density : ca. 300 kg/m³
Additional information : Non combustible

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored normally.

10.2. Chemical stability

Orienting reactivity test in accordance with LTWS-Nr. 31 for the labeling A, B, F, and P. According to DEKRA test report 79020C/08 from 09.04.2009 as binder for:
Acids labeling A
Basic (alkaline) substances (lyes) labeling B
Flammable, combustible liquids labeling F
Aqueous and polar liquids labeling P
Oxidative substances Labeling O.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Moisture.

10.5. Incompatible materials

hydrofluoric acid.

10.6. Hazardous decomposition products

Not known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified pH: Not applicable.
Serious eye damage/irritation	: Not classified pH: Not applicable.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Under normal conditions of use, no adverse effects to health have been observed.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Ecological problems are not known or expected under normal use.
Ecology - water	: Not classified.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

12.2. Persistence and degradability

Elephant Sorb, coarse grained / Elephant Sorb Special, fine grained	
Persistence and degradability	Not specifically applicable.

12.3. Bioaccumulative potential

Elephant Sorb, coarse grained / Elephant Sorb Special, fine grained	
Bioaccumulative potential	Not applicable.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Elephant Sorb, coarse grained / Elephant Sorb Special, fine grained	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

No additional information available

Elephant Sorb, coarse grained / Elephant Sorb Special, fine grained

Safety Data Sheet

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Regional legislation (waste) : This material and its container must be disposed of in a safe way, and as per local legislation.
- Product/Packaging disposal recommendations : Place spent adsorbent in sealed packages and contact specialist waste disposal contractor. Consider the absorbed substance for selection of disposal of contaminated material.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Elephant Sorb, coarse grained /

Elephant Sorb Special, fine grained is not on the REACH Candidate List

Elephant Sorb, coarse grained /

Elephant Sorb Special, fine grained is not on the REACH Annex XIV List

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available



Elephant Sorb, coarse grained / Elephant Sorb Special, fine grained

Safety Data Sheet

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

SECTION 16: Other information

Indication of changes:			
Section	Changed item	Change	Comments
1	Address	Modified	

Abbreviations and acronyms:	
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.