

Trade name: Bentonitum veegum

Substance number: 262850

Version: 4 / CH

Date revised: 21.12.2022

Replaces Version: 3 / CH

Print date: 21.12.22

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

1.1. Product identifier

Bentonitum veegum

Item No. 26285000

Substance / product identification

CAS-No. 12199-37-0

EINECS-No. 235-374-6

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients ***

Further ingredients ***

Smectite-group minerals

CAS No. 12199-37-0

EINECS no. 235-374-6

Concentration >= 95 %

Advice: [4]

Note

[4] Voluntary information

SECTION 4: First aid measures

4.1. Description of first aid measures

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After inhalation

Ensure supply of fresh air. Keep warm and at rest. Irregular breathing/no breathing: artificial respiration.
If necessary, give oxygen

After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely. Wash off immediately with soap and water and rinse well. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Keep warm and at rest. Never give anything by mouth to an unconscious person.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing measures to suit surroundings

Non suitable extinguishing media

Water spray jet

5.2. Special hazards arising from the substance or mixture

The product is not combustible. In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); Metal oxides

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Wear protective clothing. Use self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Keep away unprotected persons. Avoid contact with eyes and skin. Wear protective equipment

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal. When picked up, treat material as prescribed under Section 13 "Disposal".

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Wear protective equipment. Smoking, eating and drinking should be prohibited in application area. Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep in original packaging, tightly closed. Not reuse empty containers.

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Hints on storage assembly

Do not store together with foodstuffs. Do not store together with animal feedstocks.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	NG	Other solid hazardous substances without classification/labelling hazardous

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep only in the original container in a cool, well ventilated place. Keep container tightly closed; open and handle with care. Protect from direct sunlight.

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Do not eat, drink or smoke during work time. Wash hands and face before breaks and after work. Remove contaminated, soaked clothing immediately and dispose of safely.

Respiratory protection

Self-contained breathing apparatus. Particle filter P2

Hand protection

Chemical resistant gloves
Appropriate Material The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Material thickness 0.5 mm
Hand protection must comply with EN 374.

Eye protection

Tightly fitting safety glasses; Eye protection must comply with EN 166.

Body protection

Protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Powder
Colour	whitish
Physical state	Granules
Colour	white to brownish
Melting point	
Remarks	No data available
Boiling point or initial boiling point and boiling range	
Remarks	No data available
Flash point	
Value	°C
Remarks	Not applicable
pH value	
Value	9
Concentration/H ₂ O	5 %

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Viscosity

Remarks No data available

Vapour pressure

Remarks Not applicable

Density and/or relative density

Remarks No data available

9.2. Other information**Solubility in water**

Remarks insoluble

Other information

Forms explosive mixture with air are possible.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

None under normal use.

Other information

chemical stable

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity (Components)****Smectite-group minerals**

Species	mouse		
LD50	>	50000	mg/kg

Acute dermal toxicity (Components)**Smectite-group minerals**

Species	rat		
LD50	>	3500	mg/kg

Skin corrosion/irritation (Components)**Smectite-group minerals**

evaluation non-irritant

Serious eye damage/irritation (Components)**Smectite-group minerals**

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evaluation non-irritant

Sensitization (Components)**Smectite-group minerals**

evaluation non-sensitizing

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity**

Remarks No data available.

12.2. Persistence and degradability**Biodegradability**

Remarks No data available

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment *****

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information *****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany) *****

Water Hazard Class Not water hazardous

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(Germany)
Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

SECTION 16: Other information

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.