

Trade name: Bentonitum veegum

Substance number: 262850

Version: 5 / CH

Date revised: 21.01.2025

Replaces Version: 4 / CH

Print date: 21.01.25

## **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

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

#### **Use of the substance/preparation**

industry

### **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

&gt;= 95 %

Advice: [4]

#### **Note**

[4] Voluntary information

Trade name: Bentonitum veegum

Substance number: 262850

Version: 5 / CH

Date revised: 21.01.2025

Replaces Version: 4 / CH

Print date: 21.01.25

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **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 (CO<sub>2</sub>); 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.

Trade name: Bentonitum veegum

Substance number: 262850

Version: 5 / CH

Date revised: 21.01.2025

Replaces Version: 4 / CH

Print date: 21.01.25

## 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.

### 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

solid

Colour

light grey

Physical state

Granules

Colour

light brown

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

Trade name: Bentonitum veegum

Substance number: 262850

Version: 5 / CH

Date revised: 21.01.2025

Replaces Version: 4 / CH

Print date: 21.01.25

**pH value**

Value	9	to	10
Concentration/H <sub>2</sub> O	5	%	

**Viscosity**

Remarks	No data available
---------	-------------------

**Vapour pressure**

Remarks	Not applicable
---------	----------------

**Density and/or relative density**

Value	2.6	g/cm <sup>3</sup>
-------	-----	-------------------

**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
------------	--------------

Trade name: Bentonitum veegum

Substance number: 262850

Version: 5 / CH

Date revised: 21.01.2025

Replaces Version: 4 / CH

Print date: 21.01.25

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

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**

EWC waste code 06 08 99 wastes not otherwise specified

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
<b>14.1. UN number</b>	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**

Trade name: Bentonitum veegum

Substance number: 262850

Version: 5 / CH

Date revised: 21.01.2025

Replaces Version: 4 / CH

Print date: 21.01.25

**or mixture****Water Hazard Class (Germany)**

Water Hazard Class (Germany)	Not water hazardous
---------------------------------	---------------------

Remarks	Derivation of WGK according to Annex 1 No. 5.2 AwSV
---------	---

**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**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.