

# Material Safety Data Sheet: Flottobent



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## 1. INFORMATION IDENTIFYING THE PREPARATION AND THE COMPANY

**Commercial name:** Flottobent  
**Type of product and use:** Bentonite for oenological use  
**Distributor's name:** ENOLOGICA VASON s.r.l. Loc. Nassar 37  
37020 PEDEMONTE (VR) ITALY  
tel.045-6859017

Company phone number for emergencies: 045-6859017

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## 2. COMPOSITION – INFORMATION CONCERNING COMPONENTS

**Description:** Bentonite

**Chemical characteristics:**

CAS Number	EINECS Number	Components	Hazards
1302-78-9	215-108-5	Alluminum-silica-hydrate (Si,Al) <sub>8</sub> (Al,Fe,Mg) <sub>4</sub> O <sub>2</sub> (OH) <sub>4</sub> (X <sub>n,m</sub> (H <sub>2</sub> O)	<b>Non hazardous</b>

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## 3. HAZARD IDENTIFICATION

**Most important hazards:**

Avoid inhalation and/or exceeding of occupational limit value

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## 4. FIRST AID MEASURES

**Contact with skin:**

Remove contaminated clothes, wash affected skin with water and soap – do not use solvents.

**Contact with eyes:**

Rinse immediately with tap water for 10 minutes – open eyelids forcibly.

**Ingestion:**

Rinse mouth with water. See a doctor immediately, and show him/her this MSDS.

**Inhaling:**

Remove the casualty to fresh air and keep him/her calm. Consult physician

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## 5. FIRE PREVENTION

**Appropriate fire extinguishing materials:**

Water spray jet, dry powder, foam, carbon dioxide.

**Inappropriate fire extinguishing materials for safety reasons:**

None.

**Risks involved in product combustion:**

None

**Specific protective gear:**

Gas mask. Precipitate gases/vapours/mists with water spray

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### 6. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL RELEASE

**Precautionary measures for the personnel:**

Keep the premises well-aired.  
Wear a mask, gloves, and protective clothing.

**Precautionary measures for the environment:**

Contain the outpour with earth or sand.  
If the product has been released into a river, a sewage system, or if it has contaminated the substrate or the vegetation, inform competent authorities.

**Clean-up methods:**

Collect solids(avoid dust formation) and hand over to waste removal. Rinse with plenty water

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### 7. HANDLING AND STORAGE

**Handling:**

Technical measures:  
Avoid dust formation;

**Storage:**

Storage conditions:  
Protected from humidity; room temperature

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### 8. CONTROL OF EXPOSURE AND PERSONAL PROTECTION

**Additional information concerning technical equipment:**

No other instructions, see item 7.

Limiting value of inert dust (breathable content) of free crystalline silica : TLV-TWA: 0,05 mg/m<sup>3</sup>

**Personal protection precautions:**

General hygiene in the workplace and protection norms:

Keep away from food, drink, forage.

Remove contaminated clothing.

Wash hands before taking a break or at the end of work.

Respiratory system protection:

A mask with a filter against dust is necessary where airing is insufficient or if exposure is prolonged.

Hand protection:

Natural latex gloves designed for the chemical industry and with CE homologation.

Protecting the eyes:

Safety glasses.

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### 9. CHEMICAL PHYSICAL CHARACTERISTICS

- Appearance:	Powder;
- Colour:	grey, beige;
- Odour:	none.
- pH value	8-11 (5% aqueous solution)

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- Melting temperature	1000-1250°C
- Flash point	n.a.
- Autoignition temperature	none
- Density at 20°C:	0,9-1,0 g/cm <sup>3</sup>
- Solubility at 20°C: in water:	insoluble

### 10. STABILITY AND REACTIVITY

**Conditions to be avoided:**

None known

### 11. TOXYCOLOGICAL INFORMATION

No data available

### 12. ECOLOGICAL INFORMATION

No data available

### 13. DISPOSAL

Recuperate if possible. Operate in accordance with national norms.

### 14. INFORMATION CONCERNING TRANSPORTATION

Product is not dangerous in regards of transportation norms.

### 15. INFORMAZIONI SULLA REGOLAMENTAZIONE

D.Lgs.	3/2/1997 n.52	Classification, packaging, and labelling of dangerous substances;
D.Lgs.	14/3/2003 n.65	Classification, packaging, and labelling of dangerous preparations;
D.Lgs.	2/2/2002 n.25	Risks derived from chemical agents in the workplace;
D.M. Lavoro	26/2/2004	Professional exposure limits;

The preparation is not to be considered dangerous in terms of the 88/379/CEE directive and subsequent amendments.

### 16. ADDITIONAL INFORMATION

**Additional information:**

Enologica Vason holds training meetings concerning the knowledge and safe use of its preparations. This information is based on knowledge updated on the date of emission and/or revision. It refers only to the product indicated and does not constitute specifications or a guarantee of quality.

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This data sheet annuls and replaces all earlier editions.