

MATERIAL SAFETY DATA SHEET
According to the European regulation 1907/2006/CE

Product: **BENTONITE S**

Version of CLP 20/08/2012

1. PRODUCT AND COMPAGNY IDENTIFICATION

- Product name : **BENTONITE S**
- Supplier: **SOFRALAB**
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- Uses : **Product for enological use**

2. HEALTH HAZARD IDENTIFICATION

This product is not classified in the Annex I of Directive 67/548/EEC.

Silica contains :

- Eyes contact : May cause eye irritation.
- Inhalation : May cause respiratory irritation.

3. DATA ON COMPONENTS

- Composition : Bentonite / N° CAS : 1302-78-9 / N° EC : 215-108-5
- Hazardous components : Silica crystalline < 3% :
 - Quartz (SiO₂) / N° CAS : 14808-60-7 / N° EC : 238-878-4
 - Cristobalite / N° CAS : 14464-46-1 / N° EC : 238-455-4

4. FIRST AID MEASURES

- Eyes contact : Rinse immediately with water for at least 10 minutes. Seek medical advise.
- Inhalation : Ventilate the area. Immediately move the injured person away from the contaminated area and keep him at rest in a well-ventilated place. Should he feel ill, seek medical advise.
- Skin contact : Wash thoroughly with soap and water.

5. FIRE FIGHTING MEASURES

Not-flammable product :

- Extinguishing media : Water, CO₂, foam, chemical powders, depending on the materials involved in the fire.

6. ACCIDENTAL RELEASE MEASURES

- Collection and disposal : Collect the product to discard it. Then rinse the area and all materials involved with water.

7. HANDLING AND STORAGE

- Handling : Prevent contact with powders and powder inhalation. Do not eat or drink during operations.
- Storage : Keep containers accurately sealed at all times. Keep away from humidity. Keep in a dry and adequately ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Exposure limits : TLV – TWA : 0,4mg/m³ (crystalline silica ; fraction < 10 µm).
- Airways protection : Protective mask (type P3).
- Hands protection : Use safety gloves.
- Eyes protection : Safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : Fine powder
- Colour : White-cream, beige
- pH (5% in water) : 8 to 11
- Melting point : 1000 – 1250°C
- Density : 0,7 – 0,9g/mL
- Solubility : In water : insoluble / In others solvents : insoluble

10. STABILITY AND REACTIVITY

Product stable under normal operating conditions (inert product).

11. TOXICOLOGICAL INFORMATION

No toxic.

12. ECOLOGICAL INFORMATION

No environmental effect.

13. DISPOSAL CONSIDERATIONS

- Product : Collect whenever possible. Act in accordance with national and local applicable laws and regulations.

14. TRANSPORT INFORMATION

Product non subject to ADR/RID, IMO and IATA regulations, related to road, sea and airway transport of dangerous goods.

15. REGULATORY INFORMATION

- EC labelling : Not required.

16. OTHER INFORMATION

The information herein is based on current available data and is believed to be correct. No warranty, express or implied, is made regarding data accuracy, merchantability or hazards associated with product use. The user is responsible for determining product suitability, conditions of use and all associated hazards. Values listed in this document are not product specifications.