

SAFETY DATA SHEET

BENTOWINE

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name : Bentonite

Commercial name and synonym : BENTOWINE

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

Oenological use

1.3. Details of the supplier of the safety data sheet

Company details: Institut Œnologique de Champagne
Z.I. de Mardeuil – Allée de Cumières – BP 25
51201 EPERNAY Cedex
FRANCE
Tel: + 33 (0) 3.26.51.96.00.
Fax: + 33 (0) 3.26.51.02.20.
fds@iocwine.com

1.4. Emergency telephone number

112

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not applicable

2.2. Label elements

Not applicable

2.3. Other hazards

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Usual chemical name: Monmorillonite

CAS number: 1302-78-9

Components contributing to hazards: - Crystallized silicates: - Cristobalite: < 1% CAS No.: 14464-46-1
- Quartz: < 05% CAS No.: 14805-60-7

3.2. Mixtures

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation: If dust is inhaled excessively, remove the person to fresh air, and abundantly rinse his/her throat with drinking water.

In case of contact with skin: Wipe and then wash immediately with water.

In case of contact with eyes: Wash immediately and abundantly with water, separating the eyelids, for at least 15 minutes (in order to get rid of dust). Consult an ophthalmologist if necessary.

In case of ingestion: Immediately rinse the mouth and then drink lots of water.

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

No data available

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

No data available

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Non-combustible product

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

No data available

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Dust mask recommended

6.2. Environmental precautions

Avoid dispersal by draughts

6.3. Methods and material for containment and cleaning up

In case of leak, Gather-up the product by using a vacuum cleaner or any other means preventing the formation of a dust cloud

6.4. Reference to other sections

See Section 13 for disposal of the substance

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SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

- Technical measures: ensure that cold water sources and eye fountains are in close proximity.
- Protect workers from exposure: prevent the formation and dissemination of dust clouds in air.
- Other precautions: do not breath in dust.

7.2. Conditions for safe storage, including any incompatibilities

Store at room temperature in a dry room away from damp.

7.3. Specific end use(s)

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters

Refer to section 15.

8.2. Exposure controls

Respiratory protection: Wear a dust mask if necessary.

Eye protection: Protective glasses.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Apperance : Granules

Odour : No

Odour threshold : No data available

pH: No data available

Melting / freezing point : No data available

Initial boiling point and boiling range : No data available

Flash point : No data available

Evaporation rate: No data available

Flammability (solid, gas) : No data available

Upper/lower flammability or explosive limits: No data available

Vapour pressure : No data available

Vapour density: No data available

Relative density: No data available

Solubility(ies): No data available

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity : No data available

Explosive properties: No data available

Oxidising properties: No data available

9.2. Other information

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under normal conditions of storage and handling

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Irritation: repeated inhalation of dust can cause temporary irritations of the respiratory tracts (mechanical effect of dust).

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Contact with the eyes: prolonged contact with the skin can cause minor irritation (mechanical effect of dust).

Contact with the mucous membranes: temporary irritations due to dust.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product or residue: Relevant methods of elimination: hand-over to an approved disposal expert.

Soiled packaging: Comply with applicable regulations

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

Product not subject to French RTMDR regulations and international FID/ADR, IMO/MDG and OAC/ATA regulations

14.2. UN proper shipping name

No data available

14.3. Transport hazard class(es)

No data available

14.4. Packing group

No data available

14.5. Environmental hazards

No data available

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15. REGULATORY INFORMATION

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

Product not covered by EC directive 67/548/EEC amended

15.2. Chemical safety assessment

Product not covered by EC directive 67/548/EEC amended

SECTION 16. OTHER INFORMATION

Complete review of compliance with Regulation (EU) No 453/2010 of 20 May 2010

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