

1 – CHEMICAL PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION

Product: CONSERV'FUT

Generic name: enzymatic preparation

Supplier: **Burgundia Cœnologie**

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2 – COMPOSITION – INFORMATION ON INGREDIENTS

Characterization of the preparation: Solution of ammonia bisulfite and potassium bisulfite.

	<u>N° CAS:</u>	<u>N° CE:</u>
- Bisulfite de potassium KHSO_3 :	7773-03-7	231-870-1
- Bisulfite d'ammonium NH_4HSO_3 :	10192-30-0	233-469-7

PM (KHSO_3): 120,1 / 99

Teneur en SO_2 : 225 g/L

3 – HAZARD IDENTIFICATION

Hazardous ingredients: Ammonium bisulfite and potassium bisulfite.

Dangers for humans:

- H319: Causes serious eye irritation.
- H335: May irritate the respiratory tract.
- EUH031: Contact with acids liberates toxic gas.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P271: Use only outdoors or in a well-ventilated place.
- P261: Avoid breathing fumes / gas / mist / vapors / spray.
- P305 + 351 + 338: in case of contact with eyes: rinse cautiously with water for several minutes. Remove contact lenses if the victim is wearing them and they can be easily removed. Continue to rinse.
- P312: Call a poison control center or doctor if you feel unwell.
- P304 + 340: in case of inhalation: transport the victim to the outdoors and keep him at rest in a position where he can breathe comfortably.

Exposure limit: Not established.

4 – FIRST AID MEASURES

In case of skin contact: Take off contaminated clothing. Wash with plenty of soap and water. If irritation persists, consult a doctor.

In case of eye contact: Rinse immediately with clean water for 15 minutes, holding the eyelids open. If the person wears contact lenses, remove them immediately. Consult an ophthalmologist.

In case of ingestion: Rinse mouth with water. Do not induce vomiting. Consult a doctor.

In case of inhalation: Move person to fresh air or to a ventilated area. If symptoms persist (shortness of breath or wheezing, cough), consult a doctor.

5 – FIRE FIGHTING MEASURES

Flammable product.

Protection against fire and explosion: Wear respiratory protection equipment.

Suitable extinguishing media: CO₂, water, foam, powder.

Extinguishing media to be avoided: Do not use a water jet.

Hazardous decomposition products: May give off hazardous vapors - Sulfur dioxide, ammonia.

6 – ACCIDENTAL RELEASE MEASURES

Cover the spilled product with a non-combustible material (sand, earth, etc.). Pick up the product by mechanical means, and collect it in suitable, closed containers for disposal. Neutralize with oxidize to sulfate before removal with hydrogen peroxide. Rinse off the remaining product with plenty of water. Prevent entry into sewers or waterways. Provide sufficient ventilation. Wash soiled clothes.

7- HANDLING AND STORAGE

Handling: Wear gloves and glasses and handle under an extractor hood or in a well-ventilated room. Do not eat, drink or smoke while working. Wash hands after handling.

Storage: Store in its original and closed packaging. Store in a ventilated place. Avoid contact with acids and oxidizing agents

8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory protection: Wear a mask with a cartridge retaining SO₂.

Eye protection: Wear goggles. Do not wear contact lenses.

Hand protection: Wear gloves.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow liquid

Odour: SO₂ odour

pH: 4,5 to 5,0

Solubility: miscible in water at any proportion

Specific weight: 1049 to 1265 kg/m³

The others physical and chemical parameters are not relevant for the safety. For more information, refer to Technical Product sheet.

10 – STABILITY AND REACTIVITY

This preparation is stable in normal conditions of storage and use.

Materials to avoid: Oxidisers and acids.

Hazardous reactions: Product stable at ambient temperature. Strong reaction with acids and oxidising agents with SO₂ and ammoniac release.

11 – TOXICOLOGICAL INFORMATION

Can irritate respiratory tracks.

A frequent or extended contact can cause eye and skin irritations.

Exposure limit: not specified (TLV-TWA for SO₂: 5mg/m³).

12 – ECOLOGICAL INFORMATION

If it is spilt in surface waters, the product can cause a high oxygen decrease with harmful consequences for living organisms.

Avoid spreading the product on the floor or in the sewers.

13 – DISPOSAL CONSIDERATIONS

Neutralise, oxidise (see paragraph 6) and eliminate the product according to the law in force.

14 – TRANSPORTATION INFORMATION

Product not submitted to the ADR/RID and IMO norms relating to the hazardous material transport by road and sea, even if it is specifically mentioned, on the basis of the criteria of paragraphs (3) and (5) of the 2800 ADR/RID marginal and paragraph 2.1.4.3- class 8 of the IMDG code.

Additional information: Transport in a vehicle with a separate trailer.

Make sure the driver is well aware of the potential hazard of the product to load and of the way to proceed in case of accident or emergency.

15 – REGULATORY INFORMATION

This product is subject to Community regulations concerning the labeling of chemicals with the symbol "SGH07":



Refer to paragraph 3 for the list of risks.

16 – OTHER INFORMATION

The information contained in this safety data sheet is considered, at the date of publication, to be true and correct. However, the precision and the exhaustiveness of this information, as well as all the recommendations and suggestions are given without guarantees. As the conditions of use are beyond the control of our company, it is up to the user to determine the conditions of the safest use of this preparation.

"We educate users about the risks involved when a product is used for purposes other than those for which it was designed. The user must know and apply all the regulations governing his activity. "