



MATERIAL SAFETY DATA SHEET

According to the European Directive 2001/ 58/ EC

Product name: **BACTOLYSE**

Version n°01 of 03/11/2005

1 – Product and company identification

Trade name: **BACTOLYSE**

Application: enzyme used in oenology

Supplier: SOFRALAB - MARTIN VIALATTE ŒNOLOGIE – STATION ŒNOTECHNIQUE DE CHAMPAGNE
79 AV. A.A. Thévenet - BP 1031 - 51319 MAGENTA - FRANCE

Phone: 00 33 (0)3 26 51 56 45 – Fax Number: 00 33 (0)3 26 51 87 60

Emergency number: ORFILA 00 33 (0)1 45 42 59 59

2 – Chemical composition/ Information on components

Lysozyme hydrochloride

Nature of the product : MUCOPEPTIDE N-ACETYLMURAMYL HYDROLASE

Chemical family : Enzyme

Formula : Polypeptide, 14000 d

EC N° : 321-17

3 – Hazards identification

Danger symbol : Xn harmful



Risk phrase : R42

Repeated inhalation of dust may cause sensitization and cause allergic-type reactions in sensitized individuals.

Prolonged skin contact may cause minor irritation.

4 – First aid measures

In case of eye contact : Rinse with plenty of water. If irritation occurs, seek medical advice.

In case of skin contact : Wash off with plenty of water.

In case of ingestion : Rinse mouth thoroughly with water and seek medical attention.

In case of inhalation : Move casualty to ventilated area. If irritation occurs, seek medical advice.

MATERIAL SAFETY DATA SHEET

Product: BACTOLYSE

Version n°01 of 03/11/2005

5 – Fire fighting measures

Extinguishing agent recommended : Any fire extinguishing medium can be used.

Specific hazards : None.

6 –Accidental release measures

Individual prevention precautions :

- Avoid formation of dust (dry preparation).

Protocol for cleaning/collecting:

- Use mechanical equipment for dust collection, preferably with a filter-equipped vacuum cleaner.

- Flush residues with copious amount of water.

- Ensure suitable ventilation.

- Remove contaminated clothes.

7 - Handling and storage

Handling : - Avoid dust formation
 - Ventilate the area when handling the preparation.
 - The product is hygroscopic and must be stored in hermetically sealed packages.

Storage : - Store container in a cool and dry area.

8 – Exposure control/ Personal protection

Personal protective equipment:



Respiratory protection : Wear a particle filter mask (P1), in case of contact with the substance



Hand protection : Rubber gloves (EN374)



Eye protection : Safety goggles (EN166)

9 – Physical and chemical properties

Appearance : White powder with a slightly sweet taste

Odor : Odorless

pH : 3.5

Water solubility : Up to 30%

Solubility in most of organic solvents : very low

MATERIAL SAFETY DATA SHEET**Product: BACTOLYSE**

Version n°01 of 03/11/2005

10 – Stability and reactivity

The preparation is stable under normal conditions of use.

Conditions to avoid : None

Materials to avoid : None

Hazardous decomposition products : Unknown

11 – Toxicological information

No poisoning has been reported up to now.

Pharmacology studies do not show any harmful effect up to 4000 mg/kg.

12 – Ecological information

Product is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

13 – Disposal considerations

No special disposal method required, except that it be in accordance with current local authority regulations.

14 – Transport information

Not applicable.

MATERIAL SAFETY DATA SHEET

Product: BACTOLYSE

Version n°01 of 03/11/2005

15 – Regulatory information

This product falls under EC labelling regulations for chemicals.

Hazard symbol

: Xn harmful



Risk phrases

: R 42 : may cause sensitization by inhalation.

16 –Other information

The vertical lines in the left margin indicate the modifications made to the precedent version.

“This data sheet completes the technical notices of utilization but does not replace them. The information provided is based on our current knowledge of the product at the time of publication. They are given in good faith. Moreover, the user's attention should be drawn to the possible risks incurred if the product were used for other purposes than those for which it has been designed.

In any case, the data sheet does not release the user from knowing and applying all regulations related to his/her activity. He/she will be solely responsible for taking the necessary precautions related to the use of the product.”