



MATERIAL SAFETY DATA SHEET

According to the European Directive 2001/ 58/ EC

Product name: **DEPECTIL Extra-garde FCE granulés**

Version n°01 of 21/10/2005

1 – Product and company identification

Product name: **DEPECTIL Extra-garde FCE granulés**

Product use: enzymatic preparation 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 FRANCE

2 – Chemical composition/ Information on components

- Fungal pectinases enzyme preparation

N° IUB : 3.2.1.15, 4.2.2.10
N° CAS : 9032-75-1, 9033-35-6
N° EINECS : 232 – 885 – 6, 232 – 894 – 5

Danger symbol : Xn harmful

Risk phrases: R42

3 – Hazards identification

Repeated inhalation of enzyme dust may induce sensitization and may cause allergic type reactions in sensitized individuals.
The product may cause irritation to eyes.
Prolonged skin contact may cause minor irritation.

MATERIAL SAFETY DATA SHEET

Product name: DEPECTIL Extra-garde FCE granulés

Version n°01 of 21/10/2005

4 – First aid measures

In case of skin contact : Wash off with plenty of water. If irritation occurs, seek medical advice.

In case of eye contact : Rinse with plenty of water for at least 15 minutes. Seek medical attention.

In case of ingestion : Rinse mouth and throat thoroughly with water. If irritation occurs, seek medical attention.

In case of inhalation : Remove casualty from exposure. If irritation or allergic response, consult a doctor.

5 – Fire fighting measures

Suitable fire extinguishing media : water, foam, halones

Specific risks : None

6 –Accidental release measures

Individual prevention precautions : Ensure sufficient ventilation. Wash contaminated clothing.

Protocol for cleaning/collecting : Use mechanical equipment for collection: sweep up or use a vacuum equipped with a high efficiency filter. Dilute residues with plenty of water. Never use high pressure water jet.

7 – Handling and storage

Handling : Avoid formation of dust. Ensure suitable ventilation of the room. Precautions should be taken to prevent electrostatic accumulation. Beware of dust exposure.

Storage : Store in a cool and dry area.

MATERIAL SAFETY DATA SHEET

Product name: **DEPECTIL Extra-garde FCE granulés**

Version n°01 of 21/10/2005

8 – Exposure control/ Personal protection

Personal protective equipment:



Respiratory protection:

Wear an anti-dust mask (mask with P3 filter).



Hand protection:

Wear impermeable gloves (EN 374).



Eye protection:

Wear protecting glasses or eye shield (EN 166).



Skin protection :

Wear long-sleeved protective clothing.

9 – Physical and chemical properties

Appearance	: Beige granules
Odor	: Slight fermentation odor
Solubility	: Readily soluble
pH (solution 1%)	: Between 4 and 5
Explosive properties	: Potential risk of dust explosion

10 –Stability and reactivity

The product is stable under normal conditions of use.

Materials to avoid: None

11 – Toxicological information

Acute toxicity: Beta glucosidase: LD50 oral (rat)> 2000 mg/kg.

Mutagenic effects: no mutagenic effect for bacteria and/or yeast.

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Product name: DEPECTIL Extra-garde FCE granulés

Version n°01 of 21/10/2005

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.

15 – Regulatory information

Dangerous preparation with regards to the EEC Directive 88/379

Hazard symbol(s): : Xn harmful



Risk phrase(s): : - R42 : May cause sensitization by inhalation.

Safety phrase(s): : - S 22 : Do not breathe dust

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."