

Depectil **CLARIFICATION**

Pectinolytic enzymes

MUST CLARIFICATION

CHARACTERISTICS

- ◆ **Depectil CLARIFICATION** is a pectinase preparation elaborated to rapidly degrade the pectines naturally present in musts .
- ◆ This enzyme contains the three main pectolytic activities (pectin esterase, polygalacturonase and pectate lyase) whose activity levels are perfectly adapted to their application in oenology.
- ◆ Pectinases contained in **Depectil CLARIFICATION** are produced by fermentation of selected *Aspergillus niger* strains, on natural substratums.
- ◆ **Depectil CLARIFICATION** allows :
 - a quick and efficient clarification,
 - a quicker cold settling,
 - a must depectinazation during flotation process
 - to ease the clarification and filtration.
- ◆ The use of this enzyme allows to obtain a better quality must more quickly and more easily.
- ◆ Enzymatic activities and composition :
 - Activities : endo and exo polygalacturonase (EC 3.2.1.15) >58 000 nkat/g,
pectin-methyl-esterase (EC 3.1.1.11) >12 000 nkat/g,
pectinelyase (EC 4.2.2.10) >1 700 nkat/g
 - Composition : pectinases, ammonium sulfate, potassium sorbate, potassium bisulphite.

APPLICATION RATES

- ◆ **JUICE SETTLING** (white and rosé) :
According to the action time, temperature and pH, blend in the preparation at the beginning of the operation, with the doses of 1 to 2g/100L or 1 to 2mL/100L.
- ◆ **FLOTATION** : 1 to 2g/100L or 1 to 2mL/100L
- ◆ For liquid preparations “ doses 50 hL ”, doses vary from 5 to 15mL/100L.
- ◆ Ask your oenologist about the dosage in special cases (low temperature or for use over a very short time).

INSTRUCTIONS FOR USE

- ◆ Dissolve in some must (about 100g for 1L).
- ◆ Incorporate into the volume to be treated ensuring a good homogenisation of the product.

WARNING :

- ◆ Do not use bentonite at the same time as the enzymes, as they are absorbed by bentonite. Use the bentonite about one hour after the enzymes.

PACKAGING

- liquid : ready to use, measuring bottle of 250mL for 250hL and 50hL or 1 L bottle for 1000hL, and bottle of 5 L

QUALITY – SAFETY – ENVIRONMENT

- ◆ Traceability: the lot number on every package allows tracing (origin of the product) and tracking (from product to consumer)
- ◆ **Depectil CLARIFICATION** is classed **Xn-Harmful..**
R42 : May cause sensitisation by inhalation.

STORAGE

- Full original sealed packaging, store in a dry and odourless environment away from the light.
- Keep under a temperature below 5°C as on receipt of the goods.
- Once opened : use quickly.

The information featured above is that of our present knowledge.

It has been given without commitment or guarantee, insofar as the conditions of use are out with our control.

This information does not disclaim responsibility of the user, with regards to respect for the law and safety regulations in effect.

This document is the property of SOFRALAB and may not be modified without its agreement.