

Depectil EasyCLAR 32 FCE

Pectolytic enzymes

CLARIFICATION OF DIFFICULT WHITE AND ROSE MUSTS

CHARACTERISTICS

- ◆ **EasyCLAR 32 FCE** is a pectinase preparation elaborated to debase the pectins naturally present in must.
- ◆ Selected for activity spectre highly concentrated in PG (polygalacturonase), PE (pectin-methyl-esterase) and PL (pectin lyase), the 3 main pectolytic activities, **Depectil EasyCLAR 32 FCE** is specifically suitable for the clarification of difficult white and rosé musts (varieties naturally rich in pectins, « mechanical harvest », low pH, ...).
- ◆ Beyond the enzymatic activity profile of this enzyme, the tests conducted in laboratory and in cellars during the 2003 and 2004 harvests have confirmed its performances on must know as being difficult to clarify (essais conducted on Ugni Blanc in the Gers and Charentes regions; on Muscat in Alsace).
- ◆ The pectinases contained in **Depectil EasyCLAR 32 FCE** are produced through the fermentation of *Aspergillus niger* selected strains, on natural substratum.
- ◆ **Depectil EasyCLAR 32 FCE** allows:
 - a rapid and efficient clarification of difficult must,
 - a faster cold settling,
 - eased clarification and filtration.
- ◆ The use of this enzyme allows to obtain a better quality must in a faster and easier way.
- ◆ Thanks to its FCE quality (low cinnamoyl esterase content), which minimizes the risks of vinyl and ethyl phenol production, **Depectil EasyCLAR 32 FCE** contributes to the preservation of the wine organoleptic quality.
- ◆ Enzymatic activities and composition :
 - Activities : endo and exo polygalacturonase (EC 3.2.1.15) >66 000 nkat/g,
pectin-methyl-esterase (EC 3.1.1.11) >8 000 nkat/g,
pectinylase (EC 4.2.2.10) > 700 nkat/g,
hemicellulases (EC 3.2.1.89) > 8 000 nkat/g)
 - Composition: maltodextrines, pectinases

APPLICATION RATE

◆ **White and rosé must settling**

At the beginning of settling :

According to the time of action, temperature and pH : **2 to 4g/100L**

- ◆ Ask your oenologist for advice regarding the dosage in special cases (low temperature, very short usage time).

INSTRUCTIONS FOR USE

- ◆ Dissolve **DEPECTIL EasyCLAR 32 FCE** in must or water (approximately 50 g for 1 L). Its microgranulated formulation allows a rapid dissolution.
- ◆ Add to the volume to be treated while ensuring a good homogenisation.

CAUTION:

- ◆ Do not use bentonite at the same time as enzymes as bentonite will absorb them. Use bentonite approximately one hour after enzymes.

PACKAGING

- ◆ Microgranulated formulation – box of 100 g.

QUALITY – SAFETY – ENVIRONMENT

- ◆ Traceability: the lot number on every package allows tracing (origin of the product) and tracking (from product to consumer)
- ◆ **Depectil EasyCLAR 32 FCE** is classed **Xn-Harmful..**
R42 : May cause sensitisation by inhalation.

STORAGE

- ◆ Unopened packing, seal of origin, away from light, in a dry and odour free place. Store below 25°C.
- ◆ For conservation from one year to the other: store between +4°C and +8°C.
- ◆ Opened packing: to be stored in a cold area and used rapidly.