

PECTINASE Clarification Liquid

Polyvalent pectolytic enzymes

CHARACTERISTICS

- ◆ **PECTINASE WL clarification** is a pectinase preparation containing the three main complementary pectinolytic activities (polygalacturonase, pectin esterase and pectine lyase).
- ◆ Pectinases contained in **PECTINASE WL clarification** are produced by fermentation of selected *Aspergillus niger* strains, on natural substratums.
- ◆ The formulation of **PECTINASE WL clarification** has been studied to allow the efficient grape pectine degradation.
- ◆ **PECTINASE WL clarification** acts on the pectines present in must as well as pectines present in solid parts.
- ◆ **PECTINASE WL clarification** is therefore a polyvalent enzyme, which can be used for :
 - debourbage and clarification,
 - film maceration,
 - maceration, during the vatting, in red wine fermentation on skins.
- ◆ In all cases, the use of **PECTINASE WL clarification** allows to obtain more limpid wines, easier to filter.
- ◆ Enzymatic activities and composition :
 - Activities: endo and exo polygalacturonase (EC 3.2.1.15) >20 000 nkat/g,
 - pectin-methyl-esterase (EC 3.1.1.11) >18 000 nkat/g,
 - pectinelyase (EC 4.2.2.10) >900 nkat/g
 - Composition: pectinases, potassium chloride, potassium bisulfite.

APPLICATION RATES

- ◆ Debourbage, clarification.....: 2 to 3g/100L
- ◆ Film maceration: 3 to 5g/100L
- ◆ Red wine fermentation on skins (maceration): 2 to 3g/100L

INSTRUCTIONS FOR USE

- ◆ Dissolve about 50g of **PECTINASE WL clarification** in 1 liter of must or wine.
- ◆ Incorporate in the volume to be treated ensuring a good product homogenisation.

STORAGE

- ◆ Full original sealed packaging, stored in a dry and odorfree environment away from the light, at a temperature below 25°C.
- ◆ For conservation from one year to the other : store between 4 and 8°C.
- ◆ Once opened, keep in the fridge and use rapidly.

PACKAGING

- ◆ Micro granules : easy dissolution, box of 250 g

SAFETY INFORMATION

- ◆ **PECTINASE WL clarification is classed as Xn-harmful**
R42 : may cause sensitisation by inhalation.