

# DEPECTIL®

## EXTRACTION FCE

Purified pectolytic enzymes. For grape cell content extraction.

1

## CHARACTERISTICS AND PROPERTIES



DEPECTIL® EXTRACTION FCE is a pectinase preparation whose activities are particularly concentrated and balanced. The preparation contains the three main pectolytic enzymes (polygalacturonase, pectin methyl esterase, and pectin lyase) at an optimal activity level for this application. The cellulase and hemicellulase activities, naturally present in this enzyme, support and complement the pectinase activity by participating in the breakdown of cell tissues.

DEPECTIL® EXTRACTION FCE is particularly adapted to the following applications:

- skin contact maceration for white grape harvests (aroma, fullness, and richness of the wine);
- maceration in red winemaking (extraction and colour stabilization, body, and aromas).

DEPECTIL® EXTRACTION FCE has also an impact on the clarification.

Among the numerous volatile constituents involved in the aroma of wines, some may cause olfactory defects. They are, among others, vinyl-4-phenol and vinyl-4-guaiacol. In grapes, these compounds are mainly in esterified form. Esters can be transformed into free phenols through cinnamyl esterase (CE) activity. This enzyme is sometimes found in classic pectinolytic enzyme preparations.

DEPECTIL® EXTRACTION FCE is purified pectolytic enzymes with a very low cinnamyl esterase.

2

## DOSAGE AND INSTRUCTION FOR USE

### Red harvests / traditional vinification:

- Extraction and colour stabilization
- Improved pressing depending on the grape variety, duration, and maceration temperature: 2 - 4 g/100 kg

### White harvests:

- Skin contact maceration
- Improved pressing depending on the grape variety, duration, and maceration temperature: 2 - 4 g/100 kg

Ask your oenologist about the dosage in special cases, such as low temperatures or very short usage times.

- Dissolve in approximately 10 times its weight of must (about 100 g for 1 L)
- Add the solution to the volume to be treated and mix well

## PACKAGING AND STORAGE



Easy-to-dissolve microgranules – 100 g and 250 g boxes.

Store unopened in a dry, dark, and odorless place at a temperature below 25°C.

If storing for more than one year, maintain at a temperature between +4 and +8°C.

Refrigerate and use quickly after opening.

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