

# EVERZYM AROM

**Pectolytic enzyme with  $\beta$ -Glycosidase activity for the aromatic and qualitative improvement of**

In aromatic grapes, only a small amount of the original terpenes are perceptible by our olfactory senses. The aim of taking advantage of this aromatic asset, which is rendered odorless because of the bonds with glucose, is possible through an enzymatic activity known as  $\beta$ -glycosidase. Neither the natural enzymes of the grape nor those produced by the yeast are capable of completing the hydrolysis of these compounds (otherwise odorless) into as many other aromatic compounds.

## CHARACTERISTICS AND APPLICATIONS

*EVERZYM AROM* is a pectolytic enzyme preparation in granular form, with specific  $\beta$ -glycosidase secondary activities. *EVERZYM AROM* converts the odorless terpenic precursors into "free aromatic terpenols" characteristic of the variety. The pectolytic activity of *EVERZYM AROM* also allows for the degradation of pectins present in the wine.

The exogenous secondary  $\beta$ -glycosidase enzymatic activity in the must and wine are inhibited by sugars if present in a concentration higher than 10 g/L.

For this reason the use of *EVERZYM AROM* is recommended at the end of the fermentation rather than on the must, where the enzymatic activity is less efficient. The pectinase present in *EVERZYM AROM* accelerates the clarification and filtration of the treated wine.

## INSTRUCTIONS FOR USE

*EVERZYM AROM* is dissolved in cold water, better if chlorine free, and in a clean container. The solution is stable for a maximum of 24 hours if stored properly and can be used with dosing pumps.

Dosage: from 1 to 3 g/hL. The *EVERZYM AROM* activity can be blocked with a low dosage (e.g. 10 g/hL) of bentonite such as *FORT BENTON*, *BENTOFASH* or *NUCLEOBENT*.

*NOTE: EVERZYM AROM has a naturally low level of cinnamyl-esterase activity, is produced according to the European Directive EU 98/81/EC and does not contain Genetically Modified Organisms.*

## PACKING

Sachets of 100 g (cod. ord.: *EVERARO2*)

It is recommended to store *EVERZYM AROM* at a temperature between 5 and 15 °C and in a moisture free environment.

**This product is not considered dangerous therefore a material safety data sheet is not necessary.**