

Ecobiol Safety

OPTIMISING FERMENTATION

In Compliance with International Codex Oenologique. Not derived from genetically modified organisms.

Oenological application

ECOBIOL SAFETY™ is a 100% organic detoxicant nutrient, dedicated to end-of-fermentation use.

The optimum time for incorporating nitrogen nutrients is at the end of the growth phase (at the one-third stage of the alcoholic fermentation process), or even at the beginning of fermentation in certain specific cases.

There are, however, situations when adding nitrogen nutrients at the end of AF can prove useful:

- If the amount of the must's initial available nitrogen has been underestimated.
- If alcoholic fermentation is too rapid, making it difficult to add at the one-third stage.
- If alcoholic fermentation is slowing down or is sluggish.
- Generally speaking, in difficult conditions (temperature too low or too high, high alcohol level).

ECOBIOL SAFETY™ is a nutrient made up of a yeast autolysate rich in amino nitrogen (the form of nitrogen that is best assimilated at this stage of fermentation) and yeast cell-walls that allow inhibitory toxins that have built up during fermentation to be adsorbed.

Composition

Yeast autolysate [*Saccharomyces cerevisiae*]: organic nitrogen level <11.5 % of dry matter (nitrogen equivalent) and amino acid level between 10 % and 20 % of dry matter (glycine equivalent).
Yeast cell wall [*Saccharomyces cerevisiae*].

Characteristics

Color: beige

Appearance: powder

Doses

Maximum legal dosage : 65 g/hL.

Usual dosage and protocol: 20 to 40 g/hL depending on conditions, when must reaches density of 1020-1010 (2/3 of fermentation):

20 g/hL preventively in difficult conditions.

40 g/hL if alcoholic fermentation is slowing down or if no nutritional addition has been carried out earlier in the fermentation process.

Instructions for use

Place **ECOBIOL SAFETY™** in suspension by shaking rapidly in 10 times its volume of warm water or must. After incorporation, homogenise the must thoroughly through mixing by pumping over while protected from air.

Once prepared, the formulation must be used within the day.

Storage

To be stored in a dry, odour-free place, at temperatures of between 5 and 25 °C. Once the sachet is opened, the product must be used rapidly and may not be kept.

Packing

1-kg packs.



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