

# Actibiol

## FERMENTATION ACTIVATOR

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

This fermentation activator grants to the must the right contribution of nutrients essential for the correct blastomycetic metabolism.

Owing both to culture and to clarification procedures, musts often have a contents of readily assimilable nitrogen (ammonium salts) and thiamine (B1 vitamin) which is not sufficient to meet yeast's requirements. Lack of nutrients may have negative effects at various levels: delays in fermentation start, too long fermentation, incomplete sugar consumption.

Furthermore, irregular or difficult fermentative process generally cause the development of anomalous smells owing to H<sub>2</sub>S production and excessive volatile acidity.

### In fermentation: to grant regular course and a high aroma synthesis

ACTIBIOL formulation allows to make up for must nutrient's lacks, so granting a quick start of fermentation process and its complete development.

Besides, the contribution in nitrogenous substances and thiamin grants a better expression of the yeast fermentative characteristics, favoring a larger synthesis of aromatic compounds and an optimal ratio between superior alcohols and esters. This ratio is clearly in ester favor. As ACTIBIOL reestablishes the optimal nourishing conditions for yeast development, it reduces drastically the risk of appearance of sulfured compounds and aldehydes responsible for unpleasant smells.

### In re-fermentation: for the complete and fast sugar consumption

ACTIBIOL can be suitably used also for the start and the fast management of re-fermentation procedures and for the cure of fermentative stopping.

### Composition

Dibasic ammonium phosphate (23%), Ammonium sulfate (E517 63%), thiamin hydrochloride (0,2%)

### Characteristics

Appearance: crystal powder

Color: white

### Doses

15-25 g/hl in the musts.

25-30 g/hl in strongly clarified musts and during a re-fermentation procedure.

With a 30-g/hl dosage, thiamin contribution corresponds to the limit value prescribed by present regulations and to about 70 ppm ammonium nitrogen.

### Instructions for use

Dissolve Actibiol in a sufficient product quantity and add it immediately to the mass, preferably before the starting of the fermentative process.

### Storage

Store in a cool and dry environment.

Once opened, keep the package properly closed in a cool and dry environment.

### Packing

Code 102802 - 1 kg pack

Code 103000 - 25 kg bag



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