

NUTRICELL START

Complex nutrient,
for the activation of alcohol fermentation

CHARACTERISTICS

NUTRICELL START is a complex nutrient containing all the necessary ingredients for the complete nutrition of yeasts during alcoholic fermentation (AF). It effectively activates the initial stages of AF and enables the process to proceed smoothly.

OENOLOGICAL PROPERTIES

- **NUTRICELL START**, which contains no ammonium sulfate, is composed of diammonium phosphate, yeast autolysates, and inactivated yeasts, which are major sources of available nitrogen.
The autolysates and inactivated yeasts release amino acids, which are assimilated by active dry yeasts (ADY) throughout alcoholic fermentation. This guarantees high-quality nutrition and avoids runaway fermentation and temperature fluctuations that are sometimes caused by excessive input of ammonium salts.
These yeast derivatives also release vitamins and trace elements necessary for proper metabolism of yeasts and fats, which optimize ADY performance, especially in the event of intensive racking of must.
- **NUTRICELL START** also contains yeast cell envelopes (yeast hulls), which due to their detoxifying effect improve the final stages of fermentation in the event of yeast stress (low temperature, high clarification, high alcohol levels, etc).
- **NUTRICELL START** is also formulated with thiamine, a vitamin necessary for effective ADY cell multiplication.

APPLICATIONS

- Activation of alcoholic fermentation of white, red and rosé wines in the event of nutrient deficiency.
- Added during yeast inoculation or after the turbulent phase of AF.

DOSAGE

Recommended dose: 20 to 60 g/hL.

Maximum legal dose according to current European regulations: 60 g/hL.

INSTRUCTIONS FOR USE

Dissolve **NUTRICELL START** in 10 times its weight of water or must.
Add to the batch to be treated. Mix thoroughly.

Precautions for use:

Product for oenological and specifically professional use.
Use in accordance with existing regulations.

INGREDIENTS

Diammonium phosphate 55%, inactivated yeast (*S. cerevisiae*), nitrogen from inactivated yeast < 10% DM (expressed as N), yeast autolysates (*S. cerevisiae*), nitrogen from inactivated yeast < 12% DM (expressed as N), amino acids 10% to 20% DM (DNFB method), yeast cell envelopes (*S. cerevisiae*) 6%, thiamine 0.1%. Non-allergenic, GMO free.

PACKAGING

1 kg and 10 kg bags.

STORAGE

Store unopened, sealed packaging away from light in a dry, odour-free environment.
Once opened use rapidly.
Use before best-by date stamped on packaging.

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