

Nutrient for Lactic Acid Bacteria Starter Cultures SIHA® BACTIFERM™



SIHA BACTIFERM bacteria nutrient from Eaton's Begerow Product Line is a special substance for supplying lactic acid bacteria with essential nutrients. It is a combination product made from yeast cell wall preparation without caseinate components. This specially formulated nutrient combination can achieve a significant improvement of bacteria activity in problem wines. Unlike wine yeasts, lactic acid bacteria require a large number of amino acids. SIHA BACTIFERM bacteria nutrient can initiate the malolactic fermentation after disturbances, sticking or in unfavorable conditions.

The specific advantages of SIHA BACTIFERM bacteria nutrient:

- Significant improvement in the supply of essential nutrients
- Faster and safer acid decomposition in problem wines
- Expansion of the activity window at low pH-values, high alcohol content or low temperatures
- Time gain, therefore minimization of secondary infection risk
- Improvement of the sensory profile

Application and Dosage

SIHA BACTIFERM bacteria nutrient is introduced into the wine either prior to the addition of bacteria, or it is simply added to already inoculated wine.

The dosage is approx. 0.8 lb/1,000 gal (10 g/100 l), so that the standard pack is sufficient for 660 gal (2,500 l).

SIHA BACTIFERM bacteria nutrient conforms to the O.I.V. wine code and to current German wine legislation.

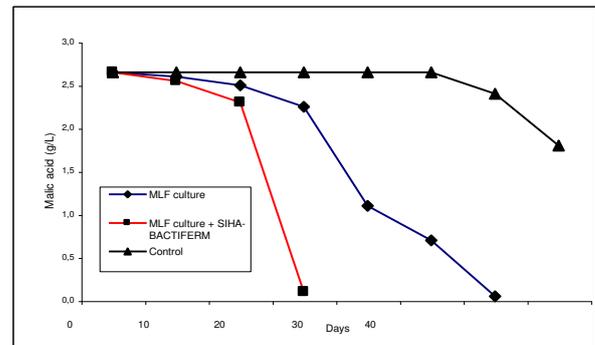
Product Characteristics

The application of SIHA BACTIFERM bacteria nutrient avoids disturbances during the malolactic fermentation (MF) and improves bacteria activity in problem wines.

In conditions that are unfavorable for MF, e.g. low pH-value, high alcohol content, highly pre-clared young wine, and in wines with a low nutrient content, SIHA BACTIFERM bacteria nutrient offers added safety. The specially formulated nutrient combination leads to a significant improvement in bacteria activity.



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Decomposition of malic acid before and after the addition of SIHA BACTIFERM bacteria nutrient

Safety

When used and handled correctly there are no known unfavorable effects associated with SIHA BACTIFERM bacteria nutrient.

Further safety information can be found in the relevant Material Safety Data Sheet, which can be downloaded from our website.

Storage

In undamaged packaging, SIHA BACTIFERM bacteria nutrient may be stored for up to 24 months at 39 – 43 °F (4 – 6 °C). Opened packages should be used immediately.

Delivery Information

SIHA BACTIFERM bacteria nutrient is sold under article number 93.440 and is available in the following package size:

0.584 lb (265 g) aluminum compound foil

HS Customs Tariff: 3821 00 00

Certified Quality

SIHA BACTIFERM bacteria nutrient is continuously inspected throughout the manufacturing process to ensure consistently high product quality levels. These inspections cover technical function criteria as well as food and beverage safety legislation. Strict monitoring also takes place both before and during final packaging.



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For more information, please e-mail us at filtration@eaton.com or visit us online at eaton.com/filtration for a complete list of Eaton's filtration products.

Not all products in Eaton's Begerow Product Line are available in all regions. Please contact your local Eaton office to determine availability.

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