

## Pure Fermentation SIHA® PROFERM™ Fit



### Special Yeast Rind Preparation Enriched with Tripeptides

SIHA PROFERM Fit yeast nutrient from Eaton's Begerow Product Line is a 100% organic yeast nutrient preparation with specially treated yeast cell wall extracts. The targeted production and processing technique enables concentration of essential yeast nutrients such as amino acids and tripeptides. Vitamin B<sub>1</sub> is added to further enhance the product. SIHA PROFERM Fit yeast nutrient increases the anti-oxidant capacity and improves the protection against oxidation and therefore the longevity of the wines. It is particularly recommended for wines with a tendency for high coloring and formation of reductive aroma notes during fermentation.

The specific qualities of SIHA PROFERM Fit yeast nutrient:

- 100% organic yeast nutrient preparation
- Strong anti-oxidant characteristics through peptide compounds (tripeptides such as Glutathione)
- Protection against high coloring
- Improved formation of aromas typical for the variety of grape such as Riesling (2-phenylethanol) and Sauvignon blanc (3-mercaptohexan-1-ol acetate (3-MHA))
- Supports the storage potential of wines

#### Application and Dosage

The maximum permitted SIHA PROFERM Fit yeast nutrient dosage is 3.3 lb/1,000 gal (40 g/hl). At higher dosages the limits for the yeast cell wall components and vitamin B<sub>1</sub> would be exceeded.

EEC Directive no. 822/87, Annex VI limits the dosage to the above maximum level.

SIHA PROFERM Fit yeast nutrient can be added to the container at the start of the alcoholic fermentation or during all subsequent stages. The presence of vitamin B<sub>1</sub> and amino acid ensures optimal yeast nutrient supply and increased formation of higher alcohols.

Ensure that the product is evenly distributed in the fermenting container.

#### Product Characteristics

The application of SIHA PROFERM Fit yeast nutrient specifically improves the fermentation conditions, enhances the fermentation process and optimizes the final degree of fermentation.

SIHA PROFERM Fit yeast nutrient effectively aids final fermentation of 'stuck' wines.

#### Nutrient Effect

SIHA PROFERM Fit yeast nutrient is enriched with tripeptides such as Glutathione, which protects against oxidation during the fermentation and prevents high coloring.

SIHA PROFERM Fit yeast nutrient contains increased quantities of amino acids, which promote optimal nutrient supply of the yeast cells and contribute to improved formation of typical aromas.

SIHA PROFERM Fit yeast nutrient contains vitamin B<sub>1</sub>, which reduces the formation of sulphur bonding partners (pyruvic acid pyruvate,  $\alpha$ -ketoglutarate) and additionally enhances yeast reproduction at the start of the alcoholic fermentation.

SIHA PROFERM Fit yeast nutrient contains no inorganic nitrogen. Nitrogenous complex nutrients (such as SIHA PROFERM H<sup>+</sup> combined yeast nutrient) should be added to nutrient-poor musts.

#### Safety

When used and handled correctly, there are no known unfavorable effects associated with SIHA PROFERM Fit yeast nutrient.

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

#### Storage

SIHA PROFERM Fit yeast nutrient can be stored at a temperature of 39 – 50 °F (4 – 10 °C) for a period of three years as long as the packaging is intact. The product may be stored at 68 °F (20 °C) for short periods.

Opened packages should be used up immediately.

## Delivery Information

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SIHA PROFERM Fit yeast nutrient is sold under article no. 96.062 and is available in the following package sizes:

2.2 lb (1 kg)          aluminum foil block pack  
10 x 2.2 lb (1 kg)   aluminum foil block packs in carton  
HS Customs Tariff: 3821 00 00

## Certified Quality

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During the production process, SIHA PROFERM Fit yeast nutrient is monitored constantly to ensure consistently high quality. These inspections include wide-ranging technical functional criteria as well as safeness in accordance with relevant laws governing production of foods. Strict controls also take place immediately before and during final packaging.

SIHA PROFERM Fit yeast nutrient meets the purity criteria of the International Codex for Wine Processing Agents and complies with the German Wine Law.

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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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