Fermentis by Lesaffre

E2U EASY TO USE by Fermentis

SpringFerm™ Equilibre

FERMENTATION AIDS

SUMMARY

SpringFerm™ Equilibre can be used both for wine and mead fermentation.

Please refer to the technical information related to your usage, according to the following table of content :

FOR WINE FERMENTATION 2
FOR MEAD FERMENTATION 4

Please note that, depending on the country of usage, some characteristics of the product may change accordingly to local regulations.

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SpringFerm™ Equilibre

FERMENTATION AIDS

THE COMPLETE NUTRITIONAL PACKAGE FOR YOUR YEAST

Description:

SpringFerm™ Equilibre is a complex fermentation aid based on both organic nutrients & mineral nitrogen. **SpringFerm™ Equilibre** is ideal for all types of must even the most deficient ones.

Properties:

COMPLEMENTARY NITROGEN SOURCES

- Thanks to its composition rich in inorganic diammonium phosphate (DAP) and organic nitrogen (amino acids), **SpringFerm™ Equilibre** enables a gradual and efficient assimilation of these compounds and addresses the deficiency of the musts.
- **SpringFerm™ Equilibre** promotes the production of favorable aromas such as higher alcohols and their esters.

SUPPLY OF SURVIVAL & GROWTH FACTORS

- **SpringFerm™ Equilibre** contains a high concentration of fatty acids and sterols, which are essential for yeast survival. This abundant supply ensures that the yeast cell wall remains strong during even the most strenuous fermentations, leading to enhanced yeast growth, and increased viability until the fermentation is complete.
- Thanks to its natural content of vitamins, and a boost of thiamine, a key vitamin for fermentation, **SpringFerm™ Equilibre** improves yeast metabolism, preventing the production of volatile acidity and H2S, leading to successful fermentation until dryness.

SUPPORT & DETOXIFYING ROLE

- **SpringFerm™ Equilibre** acts as a support factor in highly clarified musts without organoleptic deviations.
- **SpringFerm™ Equilibre** adsorbs toxic fatty acids (i.e. octanoic and decanoic acids) produced by yeast during fermentation.

Applications:

SpringFerm™ Equilibre is a versatile fermentation aid that can be used for all types of musts, whether slightly deficient or very deficient. In the most challenging conditions, it may be combined with other fermentation aids and/or DAP for optimal results.
For best results, **SpringFerm™ Equilibre** should be added both at yeast inoculation and at one-third of the alcoholic fermentation.

E2U™

SpringFerm™ Equilibre is available in a micro-granulated form, which ensures excellent dispersion and ease of use. This unique feature has earned the product certification as E2U™.

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Dosage:

For optimal use, we suggest adding **SpringFerm™ Equilibre** both at yeast inoculation and at one-third of the fermentation, providing a total recommended dosage of 15 to 25 g/hL (1.26-2.1 lb/1000 gal).

Warning: Please note that **SpringFerm™ Equilibre** should not be used excessively as it contains high levels of yeast hulls. As a result, depending on the regulations of the country where this product is used, **SpringFerm™ Equilibre** should not be used in excess of:
- **For OIV compliant countries**: 70 g/hl
- **For TTB compliant countries:** 65 g/hL (5.46 lb/1000 gal)

Additionally, it is important to consider the legal usage limits of diammonium phosphate and thiamine when considering any extra supplementation.

25g/hL (2.1 lb/1000gal) of **SpringFerm™ Equilibre** supplies equivalent of 21.3 mg/L (2.59 oz/gal) of Yeast Available Nitrogen.

Composition:

Yeast* cell wall, Diammonium phosphate, Yeast* autolysate, Thiamine hydrochloride.
**Saccharomyces cerevisiae*

Packaging:

25kg – 55.12 lb sealed paper bags (25kg format is not available for OIV compliant countries)

Carton of 20 vacuum-packed sachets of 500g – 17.63 oz each (Full box net weight: 10kg – 22.05 lb)

Guarantee:

SpringFerm™ Equilibre contains yeast cell walls and is thus vacuum packed to avoid possible organoleptic deviations due to oxidation.
Fermentis® guarantees an optimum shelf life of this product during 3 years in its original packaging when stored under 20°C and in a dry place.
Fermentis® guarantees the product complies with the International Oenological Codex until its Best Before End Date in the storage conditions mentioned above. All our products are also fully authorized per TTB 27 CFR 24.246 prior to and during fermentation.

Fermentis® fermentation aids and functional products are exclusively produced from natural yeast products. The Know-how of the Lesaffre group guarantees end users, high performing products as required by modern oenological applications.

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SpringFerm™ Equilibre

THE COMPLETE NUTRIENTS FOR MEAD FERMENTATION

Description:

SpringFerm™ Equilibre is a comprehensive fermentation activator that combines a complementary set of nutrients including nitrogen, vitamins, and lipids. The formula has been carefully crafted to specifically address the needs of yeast under challenging mead-making conditions, often characterized by low nitrogen content.

Properties:

PROVIDER OF ASSIMILABLE NITROGEN

- Thanks to its composition rich in inorganic diammonium phosphate (DAP) and organic nitrogen (amino acids), **SpringFerm™ Equilibre** enables a gradual and efficient assimilation of these compounds and addresses the deficiency of mead musts.

SUPPLY OF SURVIVAL FACTORS

- **SpringFerm™ Equilibre** contains a high concentration of fatty acids and sterols, which are essential for yeast survival. This abundant supply ensures that the yeast cell wall remains strong during even the most strenuous fermentations

SUPPORT ROLE IN MUSTS

- **SpringFerm™ Equilibre** has a support effect in highly clarified musts by increasing their turbidity without the inconvenience of organoleptic deviations that can be caused by lees.

SUPPLY OF VITAMIN

- Thanks to its natural content of vitamins, and a boost of thiamine, a key vitamin for fermentation, **SpringFerm™ Equilibre** improves yeast metabolism, preventing the production of volatile acidity and H2S, leading to successful fermentation until dryness.

Applications:

SpringFerm™ Equilibre is an all-in-one nutrient to achieve a complete fermentation of all types of honey-based musts: musts with high nitrogen deficiency, with a strong alcohol potential.

Dosage:

To achieve optimal results, it is recommended to add **SpringFerm™ Equilibre** at yeast inoculation. A dosage of 50 to 80 g/hl is suggested to enable the product to provide its essential nutrient role. For instance, using a dosage of 80 g/hl, Mead nutrient can supply 68 mg/L of assimilable nitrogen, adding to the effective support provided by **SpringFerm™ Equilibre**.

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E2U™:

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Composition:

Yeast* cell wall, Diammonium phosphate, Yeast* autolysate, Thiamine hydrochloride.
**Saccharomyces cerevisiae*

Packaging:

Carton of 20 vacuum-packed sachets of 500g – 17.63 oz each (Full box net weight: 10kg – 22.04 lbs).

Guarantee:

SpringFerm™ Equilibre contains yeast cell walls and is thus packed in a way (vacuumed, controlled atmosphere) to avoid possible organoleptic deviations due to oxidation.
Fermentis® guarantees an optimum shelf life of this product during 3 years in its original packaging when stored under 20°C and in a dry place.

Fermentis® fermentation aids and functional products are exclusively produced from natural yeast products. The Know-how of the Lesaffre group guarantees end users, high performing products as required by modern fermented beverages applications.

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