



## Spring'Finer™



### A PERFECT FINING AGENT PRODUCED FROM YEAST

#### Description:

The modern oenology must adapt to **new demands on consumers safety**, notably on the presence of allergenic substances in the oenological products used by winemakers. As a consequence, current usage of products derived from eggs and milk as protein fining agents, especially egg albumen and casein, is particularly controlled and can be subjected to a specific labeling according to the European regulation (EU) n°579/2012.

In this scope, **Fermentis®**, in collaboration with the company Sofralab, developed a **unique industrial process allowing the extraction and the preservation of native proteins from a specifically selected *Saccharomyces cerevisiae* yeast strain whose fining capabilities are remarkable.**

**Exclusively from yeast origin, the yeast protein extract Spring'Finer™ is allergen free and can be considered as the sole fining agent totally integrated in wine elaboration.**

#### Properties:

##### WINE CLARIFICATION

- Contrary to yeast extracts coming from yeast autolysis process at high amino acids and small peptides content, Spring'Finer™ contains high molecular weight proteins (>15kDa) whose clarifying capabilities towards cloudy particles and colloids present in the wines are totally similar to other protein fining agents.

##### ASTRINGENCY AND BITTERNESS DECREASE

- Spring'Finer™ specifically precipitates the most astringent and bitter tannins while preserving wine structure, thus decreasing their harshness and improving their organoleptic quality.

##### STABILIZATION TOWARDS OXIDATION

- Spring'Finer™ removes oxidable polyphenols, thus contributes to stabilize treated wines against browning.

##### NO PROTEIN DESTABILIZATION

- Even if Spring'Finer™ is based on yeast proteins, it doesn't provoke any protein destabilization of the wines.

##### LIMITED LOSS OF WINE

- After fining stage, the lees obtained using Spring'Finer™ are thick and compact, thus allowing decreasing the loss of racked wine and enhancing its added value.

##### E2U™



- **Spring'Finer™ is a totally soluble product and has a micro granulated form making its dispersion better and securing its use. It doesn't need any treatment prior to its use as pH adjustments or others...**



THE OBVIOUS CHOICE FOR BEVERAGE FERMENTATION



## Applications:

- For **Premium red and white wines, notably aged in barrels**, to refine them before bottling
- For **strongly pressed must and wines**, in order to remove the mots astringent tannins

## Dosage and usage:

**Musts:** 5 -20 g/hl (legal limit 30g/hl)

**Red wines:** 5-15 g/hl (legal limit 60g/hl)

**White and rosé wines:** 1-5 g/hl (legal limit 30g/hl)

Pour **Spring'Finer™** in **10 times its weight of water** (never in wine) at **10-20°C maximum**. Wait for complete dispersion, stir and incorporate the obtained solution directly into the wine through an adequate connector. Homogenize the wine through a pumping over without aeration.

**Warning:** Yeast protein extracts are subjected to usage limit of 30 to 60g/hl according to the European legislation. See here above mentioned limits.

## Composition:

Yeast Protein Extract. NON-GMO and NON-ALLERGEN.

## Packaging:

Carton of 24 vacuum-packed sachets of 125g each (Full box net weight: 3 kg)

## Guarantee:

**Spring'Finer™** is a highly hygroscopic product. Fermentis® guarantees the products organoleptic properties by vacuum packing the product.

Fermentis® guarantees an optimum storage of this product during 3 years in its original packaging at a temperature of maximum 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.**

The data contained in this technical sheet are the exact transcription of our knowledge of the product at the time of revision. They are the exclusive property of Fermentis®-Division of S.I.Lesaffre. It is of the user responsibility to make sure that the usage of this particular product complies with the legislation.

