

## FERMENTATION AIDS

# Fermo-Start

### Description

**Fermo-Start** is a fermentation activator specially formulated to optimize the absorption of amino acids into the cells to promote yeast health and growth throughout the duration of the fermentation.

### Properties

**Fermo-Start** is composed of autolyzed yeast and thiamine hydrochloride (Vitamin B1).

### Use

The assimilation of nitrogen in organic form (amino acid) is most efficient in the early phases of yeast growth when the toxic action of ethanol is still low on the functionality of the cytoplasmic membrane. **Fermo-Start** is designed to assist the rapid activation of the yeast by allowing the yeast to accumulate amino acids. The presence of growth factors assures a quick start, without causing an excessive increase in the maximum rate of fermentation or a spike in demand for nutritional requirements.

### Dosage and Addition

Rate: 1–3.3 lbs/1000 gal (10–40 g/hL)

1.7 lb/1000 gal (20 g/hL) of **Fermo-Start** gives an equivalent supply of 10 ppm of Yeast Assimilable Nitrogen. Dissolve the product in a small amount of water or must with the yeast and disperse throughout the tank.

**Fermo-Start** is effective when added both to the tank after the inoculation as a yeast growth factor and during rehydration as a yeast activation booster.

At 3.3 lb/1000 gal (40 g/hL) **Fermo-Start** delivers the maximum permitted dose of thiamine (0.6 mg/L) permitted by the TTB.

### Storage and Shelf Life

Store in the original package in a cool and dry environment for up to 3 years. Carefully reseal in case of remaining product. The integrity of the product is guaranteed only if it is stored as indicated in this technical data sheet.

### Packaging

**Fermo-Start** is available in 15 kg paper bags.

Product for Enological Use Only

Non-GMO, Allergen-free

Complies with E.C. food additive specifications and *Codex Oenologique International*

Please refer to the SDS for safe handling requirements.