


Product Description

VitaFerm® Ultra F3 is a multinutrient complex combining everything which is necessary for a secure fermentation process. From the yeast cells, produced according to the F3-Erbslöh-yeast production process and subsequently inactivated, particularly valuable and important nutrients, amino acids, peptides, special fermentation co-factors, mannoproteins and other adsorptive polymers, further yeast vitamins, unsaturated fatty acids and sterols are released. Diammonium phosphate and thiamin form the additional nutrient framework. Permitted according to the laws and regulations currently in force in the EU. Purity and quality are proved by specialized laboratories.

Aim of Treatment

Rapid fermentation onset, secure completion of fermentation, clean wine flavours. Possible aid for the prevention of untypical ageing off-flavours.

F3 Erbslöh yeast production process - Fit for Fermentation

 During fermentation the yeast loses minerals and vitamins. Consequently, its activity decreases. For a secure fermentation process the yeast must be permanently supplied with these substances. The F3 nutrient process assures the provision with trace elements and vitamins at the right moment. By the rehydration nutrient VitaDrive® F3 and the multinutrient complex VitaFerm® Ultra F3 the bioorganism yeast is provided with everything it needs to perform optimal fermentation. The yeast is able to fully develop its physiological properties, above all, to develop desirable aromas.

Product and Effect

The sum of VitaFerm® Ultra F3 ingredients mentioned under Product Description act as follows:

• increase of nitrogen reserve	• reduction of SO ₂ -demand
• acceleration of the cell proliferation rate	• increase of resistance
• promotion of yeast growth	• activation of enzyme activity of the yeast by balanced mineral supply
• increase of metabolic activity	• increase of membrane stability
• improvement of mass transfer	• adsorption of yeast toxic short-chain fatty acids

VitaFerm® Ultra F3 contains a neutral flowing aid which prevents lumpiness during storage.

Dosage

The, by EU-law, allowed maximum dosage of VitaFerm® Ultra F3 is 100 g/100 L. In most cases, a graduated addition of 2 x 30-40 g/100 L at fermentation onset and during the first third of fermentation is sufficient. In general, an additional dosage of further nutrient preparations is not necessary.

Product	Nutrient type	Recommended dosage	Additional dosage
VitaFerm® Ultra F3	multinutrient complex	gradually 2 x 30-40 g/100 L (legally admitted (EU) max. 100 g/100 L)	mostly not required

Application

Suspend VitaFerm® Ultra F3 in must or water and add to the must.

Storage

Dry and light-protected. Reseal opened packagings tightly and immediately.