



# V STARTER PREMIUM®

## FERMENTATION ACTIVATOR AND BIOREGULATOR

### COMPOSITION

Yeast autolysates 99,85%, thiamine 0,15 %.

### CHARACTERISTICS

V STARTER PREMIUM® is a new activator that prepares specifically the starter ('pied de cuve') and is particularly recommended in case of stuck fermentation. It has been specifically designed to keep under control the production of volatile acidity (\*) and acetaldehyde (\*\*) during fermentation, according to the latest research performed and published by the R&D department of Enologica Vason.

Its composition, result of many studies and experiments, is intentionally without ammoniacal nitrogen sources, thus forcing the yeast to use the other sources of nitrogen (mostly amino-acidic) which is in V STARTER PREMIUM®, and necessary for the formation of enzyme compounds, aromatic substances, etc.

The noble cell walls made of polysaccharides, contained in the autolysates, assure a high capacity of adsorbing the toxic substances in wines that have stopped fermenting, without changing the qualitative characteristics of the wine. Furthermore, the presence of thiamine guarantees an optimal growth of the blastomycete flora, inducing the yeast to produce limited amounts of acetaldehyde and ketonic acids, maintaining a larger fraction of active sulfur dioxide in the wine.

### APPLICATIONS

Given its formulation based on products derived from yeast cell lyses and thiamine V STARTER PREMIUM® was specifically developed for the preparation of the 'Pied de cuve', also for the second fermentation and stuck fermentations. At lower dosages it can also be used for normal vinification.

For the use of V STARTER PREMIUM® please follow the legal regulations in force in this matter.

### DIRECTIONS FOR USE

Dissolve V STARTER PREMIUM® in water in a 1:5 proportion, then add to the must or must-wine mixing carefully.

### DOSAGE

For normal vinification: 15 to 40 g/hL, in case of stuck fermentation from 35 to 40 g/hL.

For the preparation of the starter ('pied de cuve') the above-mentioned doses can be increased.

Warning: 40 g/hL of V STARTER PREMIUM® provide 60 mg/hL of thiamine (legal limit).

### PACKAGING

20 kg bags.

0,5 kg. poly laminate bags

### STORAGE

Store in a cool, dry place. Reseal open packages carefully.

### HAZARD

According to current regulations the product is classified as: not hazardous.

### REFERENCE:

(\*) "Changes in Wine as a Consequence of Nitrogen Supplementation in Grape Must" (Agostino Cavazza, Istituto Agrario di San Michele / Italy, M. Caputo, E. Bocca, R. Ferrarini, P. Giudici)

(\*\*) "Acetaldeide? Limitarla si può " (E. Bocca, R. Ferrarini, Università di Verona/Italy, E. D'Andrea e E. Dai Pré)

TECHNICAL DATA SHEET 19/05/2014