



# FERMOPLUS Dap Free

Vinification nutrients based on yeast cell wall preparations



## → TECHNICAL DESCRIPTION

**Fermoplus Dap Free** is a 100% natural product, obtained by *Saccharomyces Cerevisiae* from primary fermentation; it is a balanced blend of preparations based on yeast cell walls, granting a high bioavailability, both of nitrogen and lipidic compounds.

During fermentation, the yeast needs readily assimilable nitrogen substances, lipidic factors granting the resistance to high alcoholic degrees, vitamins and micro-elements facilitating the metabolism.

Thanks to its composition, **Fermoplus Dap Free** brings about all the elements necessary to the yeast: free amino acids, bioavailable, are present in the ideal proportion for the fermentations of grape musts; sterols make the yeast membrane more resistant to alcohol and to high temperatures; vitamins B<sub>1</sub> (thiamine), B<sub>2</sub> (riboflavine), B<sub>5</sub> (panthotenic acid), B<sub>6</sub> (piridoxine), B<sub>12</sub> (cianocobalamine) and PP (niacine), together with zinc and magnesium are co-factors indispensable for the enzymatic activity; mannoprotein avoid the aromatic stripping during the fermentation, they bind esters and terpenes with them and act as an anchor, avoiding that the CO<sub>2</sub> presses aromas out of the medium; the only partially degraded cell walls act as receptors of the average chain fatty acids C<sub>8</sub>, C<sub>10</sub> and C<sub>12</sub>, accumulating during stuck fermentations.

**Fermoplus Dap Free** can be used very effectively since the first fermentation stages, provided that the indigenous microbial charge is limited and the *Saccharomyces Cerevisiae* inoculation limits latency times and avoids that vitamins remain available for the undesired micro-flora.

## → COMPOSITION AND TECHNICAL CHARACTERISTICS

Preparation based on yeast cell walls.

### → DOSAGE

The standard dosage is 10-40 g/hL.

### → INSTRUCTIONS FOR USE

Dissolve in water or must and add by pumping over. It is preferable to divide the addition into 3 steps.

### → STORAGE AND PACKAGING

Store in a cool dry place, away from direct sunlight and heat.

5 kg net bags.  
20 kg net bags.

