

# NATU**START**®K



## BIO ACTIVATOR K FOR YEASTS

### APPLICATION

**NATU**START**®K** is based on a specific formula that combines different assimilable Nitrogen compounds such as ammonium phosphate, inactivated yeast and Vitamin B1. **NATU**START**®K** stimulates and regulates the alcoholic fermentation in winemaking. It also provides additional mineral salts, growth factors to the yeast and in addition also prevents the formation of undesirable compounds.

### OENOLOGICAL PROPERTIES

- |                        |  |              |              |
|------------------------|--|--------------|--------------|
| • Protein              | max. 11 %  | • Ash        | max. 4 %     |
| • Salt (NaCl)          | max. 3 %   | • Appearance | beige powder |
| • Assimilable Nitrogen | 14.4 mg/l. (Calculated on a dosage of 10 g/hl of <b>NATU<b>START</b>®K</b> ) |              |              |

### CHEMICAL AND MICROBIOLOGICAL PROPERTIES

- |                            |                           |                 |                           |
|----------------------------|---------------------------|-----------------|---------------------------|
| • Moisture                 | < 7 %                     | • Coliforms     | < 1.10 <sup>2</sup> CFU/g |
| • Total plate count        | < 1.10 <sup>4</sup> CFU/g | • E. coli       | absent in 1 g             |
| • Total viable yeast cells | < 1.10 <sup>2</sup> CFU/g | • Salmonella    | absent in 25 g            |
| • Total mold               | < 1.10 <sup>3</sup> CFU/g | • Staphylococci | absent in 1 g             |

### DOSAGE INSTRUCTIONS

The product can be used at the beginning or during the alcoholic fermentation. Typical dose is between 10 - 30 g/hl and the legal maximum dose is 30 g/hl (EU). The use of 10 grams of **NATU**START**®K** per hl of must corresponds to an addition of 14mg/l of assimilable nitrogen and 13 mg/hl of vitamin B1. It is recommended to use after dilution in must or potable water before addition to the fermentation tank.

### STORAGE AND PACKAGING

Store in its original packaging preferably at 5 - 25 °C in a dry place free from offensive odours. Once the packaging has been opened, it is advised to seal the packaging well to protect from humidity. This product is available in 10 kg and 25 kg paper bags with polyethylene liner. The product can be used for up to 3 years after the date of production.

### QUALITY ASPECTS

**NATU**START**®K** yeast nutrient is GMO free and conforms to the oenological CODEX specification.

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