Diammonium phosphate

Standard nutrient for alcoholic fermentation in diammonium phosphate (NH$_4$)$_2$HPO$_4$ form.

PRODUCT CHARACTERISTICS

- **Formulation :** Diammonium phosphate (E342).

- **Enological benefits :** Ammonium phosphate is used to **yeast nutrition and protection**, ensuring a complete fermentation. Correcting nitrogen deficiencies helps to **avoid organoleptic spoilages**.

DIRECTIONS FOR USE

- The addition must be determined according to the must's initial deficiency. Add after inoculating with ADY (do not mix the preparations) and/or after the first third of the fermentation. Add directly into the must and mix with a pump-over. The addition is made in two steps: -half of the amount is added after yeasts inoculation, after dissolution into a small amount of must. - the other half is added during an aerated pumping-over as soon as must specific gravity has fallen by 0.030 (make preliminary air exposure test).

- **Dose d'emploi :** 10 à 50 g/hL. 10 g/hL apportent 21 mg/L d'azote assimilable.
  Dose maximum légale (réglementation UE) : 100 g/hL.

SPÉCIFICATIONS

PHYSICAL

- **Appearance & colour:** Colorless crystals

COMPOSITION

- **H$_3$PO$_4$:** Between 71,5 % and 76 %
- **NH$_3$:** > 25 %

IDENTIFYING CHARACTERISTIC

- **pH (at 1%-25°C):** Between 7,8 and 8,4

LIMITS

- **Lead**: < 4 mg/kg
- **Mercury:** < 1 mg/kg
- **Arsenic:** < 3 mg/kg
- **Iron**: < 50 mg/kg
- **Sulphuric ashes**: ≤ 5 g/kg
- **Chlorides (expressed in HCl):** < 1 g/kg
- **Phosphate (expressed in phosphore)**: < 500 mg/kg

PACKAGING & CONSERVATION

- Bags of 1 kg, 5 kg (in 20 kg box) or bags of 25 kg.

- Store in its original packaging hermetically sealed, in a cool, clean and dry place without odors. Respect the optimal date of use written on packaging. Use quickly after opening.

LAMOTHE-ABIET