



Ammonium sulfate

Standard nutrient for alcoholic fermentation in ammonium sulfate (NH_4)₂SO₄ form.



PRODUCT CHARACTERISTICS

- **Formulation:** Ammonium sulfate (E 517).
- **Enological benefits:** Ammonium sulfate is used to **yeast nutrition**, 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 homogenise with a pumper-over. Incorporate in 2 steps: half of the amount is added 24h after yeast inoculation, after dissolution into a small amount of must ; the other half is added during an aerated pumping-over when must specific gravity has fallen by 0.03 units (make preliminary air exposure test).
- **Dosage:** 10 to 50 g/hL. 10 g/hL bring 21 mg/L of assimilable nitrogen.
Maximum lega dosage (EU regulation): 100 g/hL.



SPECIFICATIONS

PHYSICAL

- **Appearance & colour:** Colourless crystals

COMPOSITION

- H_2SO_4 : > 73.5 %
- NH_3 : > 25 %

IDENTIFYING CHARACTERISTIC

- pH (at 1%-25°C) : About 5,5

LIMITS

- **Lead:** < 3 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
- **Sulfates (expressed in H_2SO_4):** < 1 g/kg



PACKAGING & CONSERVATION

- Bags of 1 kg and bags of 5 kg (in 20 kg box). 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.

GN/07-07-2021. For oenological use. This document is correct at the time of publication and is provided for information purposes only, without commitment or guarantee. This product should be used in accordance with the relevant legislation and standards. In accordance with the EU Regulation n°2019/934 (and its modifications).

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