

CRISTALLITE[®] SPECIAL

CRYSTALLIZER FOR OBTAINING TARTARIC AND CALCIUM STABILITY IN WINES

COMPOSITION

Potassium tartrates (E 336).

CHARACTERISTICS

CRISTALLITE SPECIAL is a crystallizer that allows the rapid formation of crystals at low temperatures with minimum modification of the acidity of the wine; the product also proves effective in removing calcium.

USES

CRISTALLITE SPECIAL (used together with CRISTALLITE, if necessary) can be used in any type of discontinuous tartaric stabilization treatment. In the case of continuous tartaric stabilization, the treatment will need to be conducted beforehand (8-10 days before the stabilization process).

As the use of these products creates chemical-physical phenomena, such as solubilization, double exchange reactions, the formation of crystalline seeds and the growth of crystals, it is essential that the wine be clarified and filtered before undergoing the treatment. This will ensure good colloidal stabilization and a more effective treatment.

The speed of the treatment is assisted by a high pH value.

The use of CRISTALLITE SPECIAL also proves effective at low temperatures and with high strengths.

When using CRISTALLITE SPECIAL, comply with the relative legal regulations in force.

DIRECTIONS FOR USE

CRISTALLITE SPECIAL must first be dispersed in water (with a low calcium content or calcium free) at a ratio of 1:5 (the solubility is only partial) and then added to the wine during pumping over. It is recommended to perform two pumping-over operations a day during the first 2 or 3 days of the treatment; leave for 8-10 days then proceed with tartaric stabilization of the product. It will be necessary to analyze the calcium content: this check is to be carried out before and after the treatment, monitoring the calcium content until the pre-established value is reached.

DOSAGE

When determining the quantity of CRISTALLITE SPECIAL to be used, bear in mind that the combination ratio Calcium : Cristallite Special is approx. 1 : 5 (e.g. to remove 50 mg/L of calcium, 25 g/hL of CRISTALLITE SPECIAL will be necessary).

Warning: 10 g/hL of CRISTALLITE SPECIAL adds approx. 20 mg/L of potassium.

PACK SIZES

25 kg bags.

CONSERVATION

Keep in a cool, dry place.

DANGER CLASSIFICATION

Based on the Ministerial Decree of 28/01/1992, the compound is classified: not dangerous.
This documentation is an integration to the safety chart and does not replace it.

Questa documentazione integra la scheda di sicurezza senza sostituirla
Eventuali modifiche potranno essere apportate senza alcun preavviso

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