



NATUZYM[®] CLAR-SA

Data Sheet

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Pectolytic enzyme for must clarification in white and rosé wines

Description: NATUZYM[®] CLAR-SA is a liquid, concentrated pectolytic enzyme produced from selected strains of *Aspergillus niger*. NATUZYM[®] CLAR-SA has been developed especially for clarification by a static process or flotation. It contains different activities: Pectinlyase (PL, IUB 4.2.2.10), main activity, fundamental to break down the esterified pectin; Polygalacturonase (PG) rich in endo – PG activity that in synergy with the (PL) assure a faster clarification; Pectinesterase (PE), which prepares the substrate for the PG action and Arabanase (AR) for a further degradation of ramified parts of the pectin. The enzyme has been purified from cinnamyl-esterase activity.

Activity & regulatory aspects: NATUZYM[®] CLAR-SA is a liquid clarifying enzyme standardized with KCL and stabilized with potassium sorbate at the activity of 150 PLU.

Application & Dosage: NATUZYM[®] CLAR-SA is a clarifying enzyme which is very active at the must pH (ideal between 3,0 and 4,0). Upon dilution (10 – 20 times with cold tap water) it can be added directly into the must. Please ensure good mixing. The dosage recommendations hereafter refer to temperatures of 15-20°C (59-68 °F) and are guidelines to the best of our knowledge.

Application	Dosage*	reaction time
white/rosé Must clarification	3 - 6 g/hl	1 - 6 hours
white/rosé Must flotation	4 - 6 g/hl	0,5 - 2 hours
white/rosé Skin contact	2 – 5 g/hl	2 – 8 hours

* Dosage recommendation, to be verified by pre-tests

Packaging and storage: NATUZYM[®] CLAR-SA is available in 25 kg canisters and is best stored in the original packaging and in a cool and dry place (4 – 8°C) in order to retain the maximum activity during 18 months.

Made in CE for **OenoBioTech SAS**

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