

# KITOSMART

**SPECIFIC CHITOSAN,  
WITH STABILISING ACTIVITY ON MICRO-ORGANISMS**



## COMPOSITION

Fungal activated chitosan (*Aspergillus niger*), citric acid (E 330).



## CHARACTERISTICS

The unique chitosan chosen for KITOSMART is extremely innovative; it was carefully selected from among the best new plant products for controlling unwanted microbial populations. The right acid proportion is crucial in the formulation to allow the full functionality of the final product.

It appears as a cream-coloured powder with a characteristic odour.

It is preservative-free. KITOSMART is easily soluble in lukewarm water, producing a homogeneous, opalescent solution. It helps in the clarification process.

KITOSMART, which is not active on *Saccharomyces*, is of particular interest due to its action in reducing the population of microorganisms in general and its protection against wine oxidation. On an organoleptic level, a treatment with KITOSMART does not interfere with the original matrix.

It contains no active ingredients considered allergenic by current European legislation.



## APPLICATIONS

Due to its high specificity of action, KITOSMART is recommended for treating musts and wines for a substantial reduction of the unwanted microbial population (*Brettanomyces*, bacteria etc.).

Its interesting activity makes KITOSMART ideal for use in winemaking procedures for the production of stable wines even with low sulphite content.

KITOSMART can be used on wine after alcoholic fermentation or after malolactic fermentation in order to prevent the proliferation of unwanted microorganisms. For the same preventive purpose, it is widely used from the earliest stages of red wine making.

Following treatments with KITOSMART, we recommend separating the lees by physical processes to achieve the best possible effect.

**When using KITOSMART please comply with the relative legal regulation in force.**



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## DIRECTIONS FOR USE

Carefully dissolve KITOSMART in 10 parts of warm water, then add to the product to be treated, mixing thoroughly.



## DOSAGE

From 5 to 20 g/hL.  
Caution: 16 g/hL of the product provides just under 10 g/hL of chitosan and about 6 g/hL of citric acid.



## PACKAGING

0,5 kg poly laminated bags.  
10 kg bags.



## STORAGE

Keep in a cool, dry place. Close open packs carefully after use.



## HAZARD

Based on the current European regulations the product is classified: hazardous (see MSDS).