

KTS® FA

Product for biocontrol of microorganisms, made from *Aspergillus niger* chitosan

CHARACTERISTICS

Chitosan is a deacetylation product of chitin. It belongs to the family of glycosaminoglycans. Chitosan is a molecule with numerous attributes, including well-known antifungal and antibacterial properties.

KTS® FA was developed with the aim of **controlling the growth of microbiological flora** naturally present in **grapes**. It makes an effective alternative to SO₂ for antifungal use.

KTS® FA contains a chitosan with a high degree of deacetylation, which guarantees the number of amines present in the whole molecule. **Thanks to a specific production process, KTS® FA** has enhanced reactivity that optimises its surface charges, **which makes it a highly efficient tool for biocontrol of musts**.

KTS® FA also contains yeast hulls that reduce concentrations of certain undesirable molecules, such as unsaturated fatty acids, pesticides, etc.

KTS® FA comes in granular form, which enables highly efficient hydration of the product during preparation, as well as making it a homogeneous product guaranteeing effective action on the whole grape harvest or must to be treated.

OENOLOGICAL PROPERTIES

KTS® FA can be used on must or on the grape harvest when vatting.

- Controls the growth of undesirable microorganisms (*Brettanomyces*, other indigenous yeasts, bacteria).
- Replaces or reduces the use of SO₂
- Detoxifies musts
- Helps to start AF
- Does not alter the natural amino acid content of must
- Promotes effective implantation of the yeast strain selected for AF
- Cannot be used to control oxidation mechanisms

APPLICATIONS

On grapes and/or must.

Caution: do not use at temperatures exceeding 40°C.

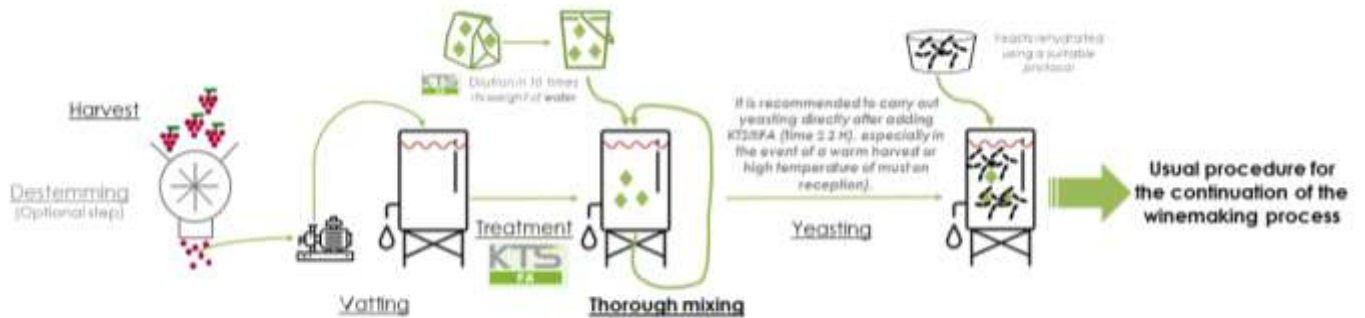
May be supplemented by treating wines with **KTS® CONTROL** (depending on the microbiological conditions in the winery)

RECOMMENDED DOSAGE

From 15 to 20 g/hL depending on microbiological risk.

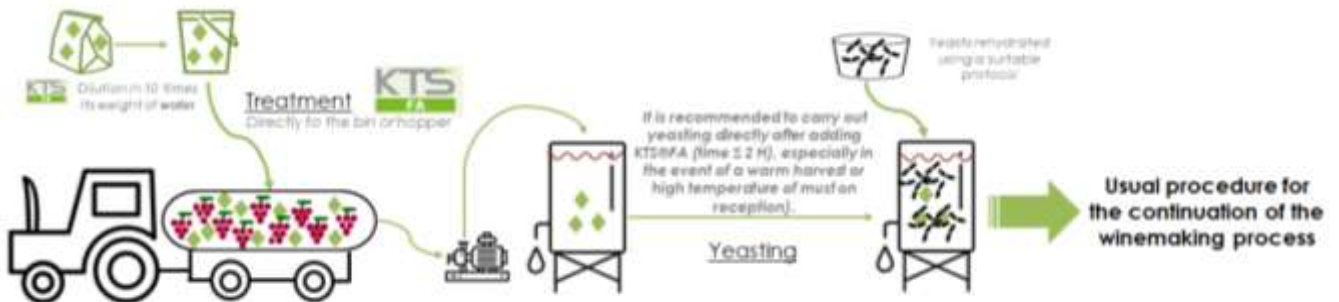
Maximum legal dose according to current European regulations: 25 g/hL

INSTRUCTIONS FOR USE



Dissolve the product in 10 times its weight of water (**do not use must**). Mix thoroughly. Then add to the vat during pump-over (the use of a fining connector is recommended). Mix the tank thoroughly after adding the product.

Can also be used on the harvest, directly in the bin (time <4H, temperature <40 ° C) to add after being dissolved.



Precautions for use:

Product for oenological and specifically professional use.
Use in accordance with current regulations.

PACKAGING

1 kg and 10 kg

STORAGE

Store unopened, sealed packaging away from light in a dry, odour-free environment.

Once opened use within 48 hours.

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