

PERFORMA

High quality activated sodium bentonite

OENOLOGICAL PROPERTIES

Selected from the purest natural bentonites, **PERFORMA** meets the most stringent requirements for food contact and stability.

Traditionally, Performa is used in top-of-the-range products, from cosmetic formulations to pharmaceuticals.

- Very large adsorption surface: from 500 to 800 m²/g, depending on the medium in which it is suspended.
- Wide activity range, unaffected by pH or temperature variations.
- High reactivity with unstable wine proteins, including low molecular weight fractions.

*The selective adsorption capacity of **PERFORMA** helps to considerably reduce the required addition rate and minimise effects on the aromatic characteristics of treated wine.*

Nonetheless, when used on must, it is essential to check that no glucans or pectins are present, since these highly charged molecules react very rapidly with **PERFORMA**, which affects its ability to remove unstable proteins.

OENOLOGICAL PROPERTIES

- Protein stabilization
- Removal of unstable colouring matter
- Removal of blush from musts and white wines

APPLICATIONS

- For unstable protein-rich wines

APPLICATION RATE

Usual application rate: from 5 to 10 g/hL. The actual rate required should be determined by preliminary laboratory tests. In the event of high protein instability, larger doses may be necessary.

To carry out enhanced protein removal at addition rates above 10 g/hL, it is best to make two separate additions of **PERFORMA**, leaving an interval of 24 to 48 hours between the additions after racking.

INSTRUCTIONS FOR USE

Make up a 5% suspension (w/v) of **PERFORMA** in demineralized water at ambient temperature. Indeed, the presence of minerals in the rehydration water limits the swelling capacity of bentonite and therefore decreases its effectiveness. Never rehydrate bentonite in wine.

- Use an agitator with rapidly rotating blades to mix the water. **PERFORMA** is gently sprinkled over the surface of the water as it is mixed. Stir the suspension for 15 minutes after all the **PERFORMA** has been added.
- Let the suspension stand for 3 to 6 hours (no more, at the risk of reducing the effectiveness of bentonite).
- Stir the suspension again before use.

- Add the required amount of suspension to the wine to be treated, using a metering pump or Venturi system
- If the dose of PERFORMA does not exceed 8 g / hL, it is possible to centrifuge 1 hour after its addition to the wine.
- It takes a few minutes at most for the **PERFORMA** to eliminate the proteins as soon as it is well homogenized in the wine

CAREFUL : To obtain optimal performance from **PERFORMA**, careful attention must be paid to the way it is prepared.

Precaution for use :

Product for exclusively oenological and professional use.
Use in compliance with regulations in force.

CONDITIONNEMENT

1, 5 and 10 Kg

STORAGE

Keep unopened packages away from light in a dry and odourless area.
Open package: use rapidly.

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