

# 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 m<sup>2</sup>/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 50 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.

For large doses, it is essential to perform the operation in two separate additions at 24 or 48 hour intervals 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 30 min to 3 hours (no more, at the risk of reducing the effectiveness of bentonite).
- Stir the suspension again before use.

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- Add the required amount of suspension to the wine to be treated, using a metering pump or Venturi system
- 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

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1 kg, 5 kg and 10 Kg

## STORAGE

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

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