

## SPHEROBENT<sup>®</sup> STANDARD SPHEROBENT<sup>®</sup> SUPER Activated bentonites granulate

### Description

**Spherobent<sup>®</sup> Standard** and **Spherobent<sup>®</sup> Super**, the sodium-activated granulated bentonites, are obtained by the re-agglomeration of powder products. This process not only allows powder-free products to be obtained, it also considerably increases their capacity to disperse and their colloidal properties, thereby increasing the level of clarification.

**Spherobent<sup>®</sup>** line is characterised by:

- almost complete absence of powder
- extremely good deproteinising action
- easy dispersion
- low inert matter content
- deposit volumes reduced to a minimum
- the smell and taste of the wine are not affected

The high quality of the bentonites used ensures complete deproteinising and protein stability.

**Spherobent<sup>®</sup>** can be used in all types of musts and wine.

Because it is highly deproteinising, **Spherobent<sup>®</sup> Super** is effective even when used in **microdoses**. It is also characterized by a high level of reducing strength with regard to **riboflavin**.

### Instructions for use

1. Disperse **Spherobent<sup>®</sup>** in cold water (1:10 ratio) by shaking vigorously until a homogeneous suspension is obtained.
2. Allow the solution (gel) to stand for a few hours (from a minimum of 6 to 12 hours, approx.)
3. Mix again and add to the product to be treated

### Dosage

**Spherobent<sup>®</sup> Standard**: from 40 to 80 g/hl

**Spherobent<sup>®</sup> Super**: from 20 to 50 g/hl

### Packs

Supplied in 25-kg paper bags

		Spherobent® Standard	Spherobent® Super
<b>Characteristics</b>			
Montmorillonite	[%]	80	90
Swelling	[ml/2g]	25-27	28-30
Umidity	[%]	10 - 12	
Particle-size analysis	[mm]	0.5 –1.7	
Deproteinising strength (Codex)	[%]	65	85

		Spherobent® Standard	Spherobent® Super
<b>Chemical analisys (tipical)</b>		[%]	
SiO <sub>2</sub>		71.02	56.83
Al <sub>2</sub> O <sub>3</sub>		13.58	19.32
TiO <sub>2</sub>		0.24	0.79
Fe <sub>2</sub> O <sub>3</sub>		1.89	4.77
P <sub>2</sub> O <sub>5</sub>		0.05	0.25
MnO		0.04	0.04
MgO		2.20	4.22
CaO		1.94	2.83
K <sub>2</sub> O		2.53	0.71
Na <sub>2</sub> O		2.50	3.34
Calcination loss		4.01	6.90
<b>Soluble metals (according to International Oenological Codex):</b>			
Lead	[ppm]	1	1
Iron	[ppm]	200	100
Sodium	[%]	2,0	2,0
Calcium	[%]	0,7	2.5 max
Other heavy metals	[ppm]	10 max	10 max

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**PRODUCTS FOR USE IN OENOLOGY**

Laviosa Chimica Mineraria Spa products undergo continuous testing to ensure their purity and quality in accordance with the laws of Italy (DM 26 April 1969 – Substances for use in oenology) and the EU (REG. CE 606/2009), and international laws (International Oenological Codex )

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