VULCASCOT

Vulcobent Top Na

Product data
Vulcobent Top Na is a swellable, highly active sodium bentonite in powder form. It is ideal for red wines, since it is used in small amounts and thus helps preserve colour. It is ideal for removing proteins from wines and other beverages. It also adsorbs other contraries such as biogenic amines or tanning agents. Being a compound, Vulcobent Top Na is also active and effective when applied in musts and wines with a high pH-value (low acidity).
The main component of this bentonite is montmorillonite. It is formed in layers and is an aluminosilicate. In the exchange process, mainly calcium and potassium are exchanged, whereas the entry of iron and other metals is negligible. By pre-swelling, the “exchangeable” positions of the bentonite become active. However, the water absorbed in the pre-swelling process will not be delivered into the must or wine.
The mineral comes from Italy. It is a low iron mineral, actively flocculating, applicable especially for mild treatment of beverage quality and colour. It is purity-tested.
Regular quality control guarantees reliable product quality.

Package size: 25 kg

Quantity required / Application
As a rule for wine 30-80 g / hl (pretests are recommended).
Fruit juice: 50-100 g / hl, vinegar: 70-120 g / hl.
For the pre-swelling 10 l water are required per 1 kg of bentonite. After repeated stirring wait for 6-12 hours, pour off the supernatant water (odor test!) and put the bentonite paste into the container while constantly stirring.
Stirring after 2-3 days can additionally enhance results.
After approximately 1 week remove and filter off.

Use
For the stabilization of wines and other beverages against protein and colloidal turbidities; for improved clarification properties and, to some extent, for taste improvement.

Storage
Bentonites are strongly hygroscopic thus require protection against humidity and off-odors when stored. Tightly reseal opened package and use as quickly as possible.

Vulcobent® Top Na has a soluble metal content according to CODEX and German law

Chemical and physical Parameter	**Unit of Measure**	**Lower Limit**	**Upper Limit**	**Test method**
Total free powder moisture	%	8	12	ANB 01
swelling	ml / 2g	20		ANB 08
Dry residue over 45 micron sieve	%		5	ANB 11
Pb (soluble in tartaric acid 0,5%)	mg/kg		5	OIV F- COEI-1-Beton Ed 2003
Fe (soluble in tartaric acid 0,5%)	mg/kg		600	OIV F- COEI-1-Beton Ed 2003
Na (soluble in tartaric acid 0,5%)	g/kg		35	OIV F- COEI-1-Beton Ed 2003
Hg (soluble in tartaric acid 0,5%)	mg/kg		1	OIV F- COEI-1-Beton Ed 2003
As (soluble in tartaric acid 0,5%)	mg/kg		2	OIV F- COEI-1-Beton Ed 2003
Al (soluble in tartaric acid 0,5%)	g/kg		2,5	OIV F- COEI-1-Beton Ed 2003
Ca + Mg (soluble in tartaric acid 0,5%)	mequ/100g		100	OIV F- COEI-1-Beton Ed 2003

All the information in this data sheet is based on our knowledge and experience at the point of production (June 2017). Due to various circumstances, this data sheet is only meant as a recommendation. Our experienced team is always available to answer any questions. Please take into consideration country-specific regulations.