

A non-treated natural occurring sodium bentonite powder or granule designed for clarification and purification of wine and fruit juices.

All bentonite is mined in the Heidelberg (WC) area.

TYPICAL PROPERTIES	Powder	Granules (0.6-2.0mm)
Colour (Crude)	Cream	Cream- Pink
Protein Stability	90	>90
Moisture (%)	10-12	10-12
Specific gravity (g/cm ³)	2,51	2,51
Particle size distribution	< 15% retained on 150 µm	< 10% retained on +2.0mm
Grit	<4	<5
pH (5% in water)	8 - 10	8-10
Swelling index (ml/2g)	≥15	≥12
Water Absorption (on sinter plate)	≥450%	
Cation Exchange Capacity (meq/100g)	≥60	≥60

CHEMICAL ANALYSIS (%)

SiO ₂	58,3
Al ₂ O ₃	15,4
Fe ₂ O ₃	2,2
TiO ₂	0,2
CaO	0,8
MgO	3,2
K ₂ O	0,6
Na ₂ O	1,8
L.O.I	17,5

MINERALOGY (APPROXIMATE)

% Montmorillonite	80%
% Quartz	9%

Notice: the characteristics listed are indicative only and shall be understood as example. IMERYS does not warrant the accuracy, fitness for purpose or update of any information disclosed herein. The purchaser is solely responsible for the verification of the suitability of indicated products for his specific purposes and needs. Any warranties of any kind on the suitability and fitness of the products are excluded.

Additional information

HEALTH AND SAFETY

Eccavin is a milled alumino silicate product which generates dust when handled in dry conditions.

Eccavin is low in dust likely to yield respirable silica levels. A dust mask is recommended for use when handling this product in bulk volumes. The material is a natural desiccant. Handling with gloves or the use of a barrier cream will prevent drying of the skin. The product is very slippery when wet and special care must be taken during handling in wet conditions.

Storage and Shelf life

PACKAGING

Eccavin is available in the following packaging:
- 25 kg multiply bags, 40 bags per 1,0 metric ton pallet.
- 1.0 metric ton woven polypropylene bulk bags.

STORAGE

Bentonite is hygroscopic and absorbs moisture. Store in a cool dry place. Do not leave bags in use open; i.e. fold in tight preventing ingress of moisture. Shelf life is 10 years

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