



MAJORBENTON® CF

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 Special bentonite for tangential filtrations for the clarification of beverages

→ TECHNICAL DESCRIPTION

Majorbenton CF is a new generation, very fine bentonite, free from coarse particles. Thanks to its lightly abrasive characteristics, the treatment with **Majorbenton CF** enables the following direct filtration on filters with ceramic membranes. The product protects membranes, pumps and pipes of filtration equipments.

The advantage of **Majorbenton CF** with regard to traditional bentonites is the time saving for the clarification and sedimentation of proteins and other suspended particles. It is the ideal product for clarifications, as it adsorbs the colloidal protein substances that represent the main instability factor of beverages. This new bentonite allows to quickly obtain perfect stabilizations. The obtainment of a clear juice enables a direct filtration, without an intermediate front filtration.

For the clarification, the product can be used alone or associated with the silica sol Spindasol FJLS and gelatine. Combined with protein clarifiers, it gives a quick flocculation and low volumes of residues. The utilization of **Majorbenton CF** has many advantages for the beverage treatment and enables:

- * a better turbidity of the supernatant,
- * a decrease in the consumption of filter aids thanks to the possibility of a direct filtration during the tangential filtration,
- * saving of clarification times,
- * a better yield of clear liquid.

→ COMPOSITION AND TECHNICAL CHARACTERISTICS

Bentonite (hydrated silicate of aluminium).

→ DOSAGE

From 40 to 150 g/hL.
 The optimal dosage can be defined after a preliminary laboratory test.

Reference: MAJORBENTON_CF_TDS_EN_0280916_JUICES_Italy





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→ INSTRUCTIONS FOR USE

Dissolve the dose of **Majorbenton CF** in 10-15 parts of water. Manual systems can be used: let the bentonite swell for 10-12 hours, so that the water adsorption is complete because of the capillarity, or pump over by recycling the solution in its dissolution tank. If effective electric mixers are used, it will be possible to obtain an homogeneous gel in 15-30 minutes even with a lower water quantity. The so obtained solutions can be used immediately.

→ ADDITIONAL INFORMATION

Technical characteristics

- * Clear beige fine powder, odorless
- * pH of a 10% solution: lightly alkaline
- * swelling power: 27-30
- * swelling in water: 10-15 times
- * insoluble particles: practically absent.

→ STORAGE AND PACKAGING

Store in a cool dry place, away from direct sunlight and heat.

25 kg net bags.

