



Blancobent UF

Product Description

Blancobent UF is a highly pure and particularly efficient powder bentonite. The composition and purity of this bentonite allow wear-resistant and careful application in connection with crossflow filtration systems. The bentonite product on a calcium-sodium basis is permitted for the treatment of fruit juices and complies with the laws and regulations currently in force. Proved for purity and quality by specialized laboratories.

**Highly pure
calcium-sodium
bentonite**

Aim of Treatment

Stabilization against proteinaceous and colloidal cloudiness in fruit juices.
Bentonite application in combination with crossflow filtration.
Reduction of bentonite dosage by use of a highly active, novel bentonite.

Product and Effect

Blancobent UF is a white and highly pure bentonite for special requirements in the fruit juice industry. Winning and production are performed according to new criteria, which is the reason for the excellent efficiency of this bentonite in technological respect.

In comparison with all beverage bentonites on calcium and/or sodium basis, Blancobent UF assures a careful and gentle application in juice filtration using crossflow systems. Moreover, its purity and special composition allow to reduce the dosage added for treatment by 15 to a good 30 % as against conventional calcium-sodium bentonites. Blancobent UF adsorbs certain protein substances, tannic and other disturbing substances, above all also in beverages with a relatively high pH-value or low acid content.

Dosage

The stabilizing effect against colloidal haze results from the dosage added and the pH-value present. In general, higher pH-values of the beverages require higher bentonite dosages. Blancobent UF however, can be applied relatively economical also in these cases. Therefore it is advisable to determine exact dosages by pretests. As guide value 35 – 75 g per 100 L juice can be applied.

Application

Prior to application, check prepared suspension for off-smell. Slowly strew Blancobent UF into a 8-12-fold water amount under constant stirring. Allow a rest period of 30-60 minutes, then stir again thoroughly. After that, let the bentonite swell for 8-12 hours. Pour off supernatant and add the prepared bentonite suspension to the juice vessel under thorough mixing to provide for even distribution. The use of warm water facilitates handling.

Storage

Blancobent UF is a highly efficient adsorbent, thus has to be protected from foreign smells and moisture. Store in a dry and well-ventilated place free from foreign odours. Reseal opened packagings immediately and tightly (airtight). For improper storage and application liability is excluded.

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