



# Akticol FA

Selectively reacting activated carbon powder for colour adsorption

## Product description

Akticol FA is a specially developed activated carbon of plant origin for the decolourization of apple juice. It remarkably reduces brown coloured matter caused by strong oxidation while valued taste and odour is fully preserved.

Application fields for Akticol FA are:

- adsorption of non-condensed polyphenols
- elimination of oxidized, brownish off-colours

## Dosage

Optimum dosages for treatment always have to be determined by preliminary tests. Required dosages may vary tremendously. Typical dosage is a range of 200 - 500 g Akticol FA per 1,000 L juice. For an intensive decolourization applied quantity may increase to 1 kg per 1,000 L or higher.

Possible applications are:

### 1. To the fining tank

A water slurry of Akticol FA is added directly to the juice vessel. Mix intensively to distribute evenly and subsequently stir for an additional 2 - 3 times. Akticol FA can be added either before or after clarification/fining. An addition prior to fining, facilitates the separation of the activated carbon sediment, whereas it shows better efficiency in clarified juice.

### 2. During coat filtration

Akticol FA is dosed together with filtration aids as kieselguhr, perlite, cellulose. The desired decolourization and stabilization are achieved together with an increase in brilliance. This application will normally cause a lower consumption of filter aids.

## Storage

Activated carbon is very sensitive to odour- and moisture. Therefore product must protect against off-flavour and moisture. Protect from moisture and foreign odours. Reseal opened packagings immediately air tight. For improper storage and application liability is excluded.