

KAPPASPERSE BE 16

Wetting, scouring and dispersing agent

Chemical composition	preparation based on fatty ethoxylates
Appearance	opal liquid
pH-value 20 °C	6 – 8 (product)
Density 20 °C (g/ml)	approx. 1.0
Ionic charge	nonionic

Function

KAPPASPERSE BE 16 is preferentially used as low-foaming wetting, scouring and dispersing agent for the contrast enhancement in the jeans treatment.

KAPPASPERSE BE 16

- reduces soiling of the white cotton weft and the pocket lining of blue jeans in any stage of the washing process.
- has good wetting, scouring and dispersing properties, independent of the temperature of the treatment baths.
- is compatible with enzyme preparations based on amylases and cellulases.
- causes low-foaming, therefore can be applied on drum washing machines also.
- is easy to dose.

Application

During jeans washing processes KAPPASPERSE BE 16 prevents soiling of undyed fibres (weft, pocket lining and labels) in jeans clothing by removed Indigo.

The product is suitable for all jeans treatment processes such as desizing, pre-scouring, stonewash, bleaching and post-scouring.

Furthermore, KAPPASPERSE BE 16 improves the rub fastness and reduces the soiling of additional fabrics like pocket lining as well when washing sulphur and pigment dyed fabrics.

Recommended formulations on the drum washing machine:

Desizing

- 2.0 g/l KAPPAZYM DZ 88
- 2.0 g/l KAPPASPERSE BE 16
- Liquor ratio: 8:1 – 12:1
- Treatment time: 10 – 15 minutes
- Temperature: 60 °C

Then rinsing.

Stonewash

- 0.5 – 1.0 % KAPPACELL GR 26
- 1.0 – 2.0 g/l KAPPASPERSE BE 16
- Liquor ratio: 4:1 – 8:1
- Treatment time: 20 – 45 minutes
- Temperature: 40 – 55 °C (depending on type of cellulase)

When using the products, the precautionary measures applicable to the handling of chemicals must be observed. For storage and hazard information as well as safety advice, please refer to the relevant safety data sheets. Application solutions and product residues must be disposed of in accordance with official regulations. The listed instructions correspond to our previous experience. However, in view of the different operating conditions, only non-binding information and advice can be given. Therefore, we cannot accept any liability whatsoever, including liability for claims by third parties. Errors, changes and misprints excepted. Non-binding product information, print date Feb 14, 2022, not subject to systematic change.

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Then rinsing and post-scouring.

Post-scouring of stonewashed jeans denim

- 2.0 g/l KAPPASPERSE BE 16
- 0.5 – 2.0 g/l alkali (soda, caustic soda)
- 0 – 2.0 g/l hydrogen peroxide 35 %
- X % optical brightener, if necessary
- Liquor ratio: 8:1 – 12:1
- Treatment time: 10 – 15 minutes
- Temperature: 40 – 60 °C

Then rinsing.

Regarding the application of the additionally mentioned products, please note the corresponding technical data sheets.

Dilution instruction

KAPPASPERSE BE 16 can be diluted in cold or warm water and can therefore also be added undiluted during the wash-cycle.

Storage

KAPPASPERSE BE 16 remains stable for at least 6 months if stored properly in a tightly closed original container.

Do not expose to frost!

After thoroughly stirring frozen product is usable again.