

KAPPASPERSE SAB

Wetting, scouring, dispersing and anti-backstaining agent

Chemical composition	formulation based on ethoxylates and mixed polymers
Appearance	beige-white powder
pH-value 20 °C	6 - 8 (1 %)
Ionic charge	weakly anionic

Function

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

KAPPASPERSE SAB

- reduces the soiling of the white cotton weft and also cotton/polyester blends 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.
- is low-foaming, therefore can be applied on drum washing machines.
- is easy to dose.

Application

During jeans washing processes KAPPASPERSE SAB 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, acid biopolishing, bleaching and post-scouring. Furthermore, KAPPASPERSE SAB improves the rub fastness and reduces the soiling of additional fabrics like pocket lining, also when washing sulphur and pigment dyed fabrics.

Recommended application level on the drum washing machine:

Desizing

- 2 g/l KAPPAZYM DZ 88
- 1 - 2 g/l KAPPASPERSE SAB
- Liquor ratio: 8:1 – 12:1
- Treatment time: 10 – 15 minutes
- Temperature: 60 °C
- Then rinsing.

Stonewash

- 0.5 – 1.0 % KAPPACELL LT 28*
- 1.0 – 2.0 g/l KAPPASPERSE SAB
- * alternatively KAPPACELL LT 29 or KAPPACELL NT 27
- Liquor ratio: 4:1 – 8:1
- Treatment time: 20 – 45 minutes
- Temperature: 40 – 45 °C (depending on type of cellulase)
- pH-value: 6 – 7, normally self-adjusted

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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Post-scouring of stonewashed jeans denim

- 1 g/l KAPPASPERSE SAB
 - 0.5 – 2 g/l alkali (soda, caustic soda)
 - 0 – 2 g/l hydrogen peroxide 35 %
 - x % optical brightener, if necessary
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- 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 SAB can first be dissolved in warm water (approx. 50° C) and then added to the wash cycle.

Storage

KAPPASPERSE SAB remains stable for at least 18 months if stored properly in a tightly closed original container between 2 and 40°C.