

KAPPASPERSE OS 17

Wetting, scouring and dispersing agent

Chemical composition	based on ethoxylates
Appearance	weakly turbid liquid
pH-value 20 °C	6 - 8 (product)
Ionic charge	nonionic

Function

KAPPASPERSE OS 17 is especially used as low-foaming wetting, scouring and dispersing agent for the contrast enhancement in the jeans treatment.

KAPPASPERSE OS 17

- 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
- is low-foaming, therefore can be applied on drum washing machines also
- is easy to dose

Application

During jeans washing processes KAPPASPERSE OS 17 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, stone-wash, bleaching and post-scouring. Furthermore, KAPPASPERSE OS 17 improves the rub fastness and reduces the soiling of additional fabrics like pocket lining as well when washing sulphur and pigment dyed fabrics.

Recommended formulation on the drum washing machine:

Desizing:

- 2.0 g/l KAPPAZYM DZ 88
- 1.0 – 2.0 g/l KAPPASPERSE OS 17
- liquor ratio: 8:1 – 12:1
- treatment time: 10 – 15 minutes
- temperature: 60 °C
- Then rinsing.

Stone-wash:

- 0.5 – 1.0 % KAPPACELL GR 26
- 0.5 – 1.0 g/l KAPPASPERSE OS 17
- liquor ratio: 4:1 – 8:1
- treatment time: 20 – 45 minutes
- temperature: 40 – 55 °C (depending on type of cellulase)
- Then rinsing and post-scouring.

Post-scouring of stone-washed jeans denim:

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.

Contact

KAPP Chemie
 info@kapp-chemie.com
 +49 / 6772 / 9311-0



KAPP-CHEMIE GmbH & Co. KG
 Industriestraße 2-4
 56357 Miehlen
 www.kapp-chemie.com

- 1.0 – 2.0 g/l KAPPASPERSE OS 17
- 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 and application of KAPPAJEANS PRO 87.

Pre-scouring of flat fabrics:

- 0.5 – 1.5 g/l KAPPASPERSE OS 17
- 0 – 1.0 g/l soda
- liquor ratio: 6:1 – 12:1
- treatment time: 10 – 20 minutes
- temperature: 50 – 70 °C (depending on type of cellulase)

If there is an affinity to creasing, it is recommended to apply KAPPAVON CL or KAPPAVON AC 65. Regarding the application of the additionally mentioned products, please note the corresponding technical data sheets.

Dilution instruction

KAPPASPERSE OS 17 can be diluted in cold or warm water and can therefore also be added undiluted during the wash-cycle.

Storage

KAPPASPERSE OS 17 remains stable for at least 6 months if stored properly in a tightly closed original container. Do not expose to frost.