

KAPPAWET WPS

Compound product for bleaching

Chemical composition	preparation of nonionic surfactants and phosphonates
Appearance	colourless, clear liquid
pH-value 20 °C	approx. 2 (10 %)
Density 20 °C (g/ml)	approx. 1.02
Ionic charge	nonionic

Function

KAPPAWET WPS is a compound product especially developed for the bleaching of cellulose fibres and their blends. The product combines the advantages of washing and wetting agents, sequestering agents and stabilisers. KAPPAWET WPS shows a very good washing and emulsifying property with excellent rewetting. Due to the outstanding sequestering property, it is not necessary to add another sequestering agent or stabiliser. The product binds approx. 30 mg of CaO or approx. 50 mg of CaCO₃ at pH 11 and 60 °C.

KAPPAWET WPS does not cause any demetallization of direct and reactive dyes based on metallic complexes in spite of its strongly developed chelating capacity.

Application

Recommended application levels:

Discontinuous bleaching

- 1 – 3 ml/l KAPPAWET WPS
- 3 – 8 ml/l H₂O₂ (35 %)
- 1 – 4 ml/l NaOH (50 %)

Pad steam bleaching

- 2 – 6 ml/l KAPPAWET WPS
- 10 – 40 ml/l H₂O₂ (35 %)
- 6 – 20 ml/l NaOH (50 %)

Dilution instruction

KAPPAWET WPS can be easily diluted in cold and warm water.

Storage

KAPPAWET WPS remains stable for at least 6 months if stored properly and cool in a tightly closed container.

KAPPAWET WPS has to be stirred before usage.

Contact

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Standards (further on request)

- GOTS