

KAPPAWET AKA

High alkaline proof wetting and scouring agent

Chemical composition	preparation of fatty alcohol ethoxylates and alkane sulphonates
Appearance	white, viscous liquid
pH-value 20 °C	approx. 7.0 (product)
Density 20 °C (g/ml)	approx. 1.0
Ionic charge	anionic

Function

KAPPAWET AKA is an universal wetting, washing and emulsifying agent for natural and synthetic fibres. The dispersing and emulsifying effect of KAPPAWET AKA towards fatty, oily, paraffin yarn or fibre preparations, as well as to natural waxes, is particularly effective.

KAPPAWET AKA:

- is compatible with enzymes and resistant to acids or alkalis (up to 120 g/l NaOH 100 %).
- is very low-foaming.
- has a good soil suspending capacity.
- has not fibre-affine and therefore imparts good absorbency.
- can easily be rinsed off, therefore no influence on following water or soil-repellent treatments.

Due to the low-foaming tendency of KAPPAWET AKA, additional defoamers are not necessary in most cases, apart from machines with high liquor kinetics.

Application

KAPPAWET AKA was developed especially for continuous or discontinuous alkaline washing, scouring, demineralisation and bleaching processes.

KAPPAWET AKA is suitable

- for wetting in high-temperature processes.
- for demineralisation, scouring and bleaching of cotton and blends in continuous and discontinuous treatments.
- for washing or rinsing-off of nonionic surfactants before a water or oil repellent finish.
- for washing or milling of woollen goods.
- for wetting processes in general.

Recommended application levels

	Continuous process	Discontinuous process
Wetting, washing	1.0 - 3.0 g/l	0.5 - 2.0 g/l
Demineralisation, scouring, bleaching	2.0 - 5.0 g/l	1.0 - 2.0 g/l
Milling		1.0 - 2.0 g/l

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 Oct 10, 2023, not subject to systematic change.

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Dilution instruction

KAPPAWET AKA can be diluted in cold or hot water. Concentrated stock solutions can be prepared without any problems. Furthermore, KAPPAWET AKA can be added directly to the application liquor.

Due to the comparatively high viscosity of KAPPAWET AKA, the product is also available in a low viscosity version of 50 % (= KAPPAWET AKA 50) (suitable for automatic dosing plants).

Storage

KAPPAWET AKA remains stable for at least 1 year if stored properly and cool in a tightly closed container. Do not expose to frost!

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