

# KAPPAWET LFE

Low foaming, silicone-free wetting agent, detergent and emulsifying agent

Chemical composition	preparation of fatty alcohol ethoxylates
Appearance	colourless to yellowish, clear liquid
pH-value 20°C	approx. 7.0 (product)
Density 20°C (g/ml)	approx. 0.98
Ionic charge	nonionic

## Function

KAPPAWET LFE is a versatile wetting agent, detergent and emulsifying agent for all natural and synthetic types of fibres.

KAPPAWET LFE

- shows a strongly developed emulsifying effect towards fats, oils, waxes, paraffin and silicone-containing fibre and yarn preparations.
- is compatible with enzymes, thus supporting the decomposition of starch in enzymatic desizing processes.
- shows an excellent soil suspending capacity and is therefore particularly suitable for the removal of synthetic sizes in continuous as well as in discontinuous processes.
- has an optimum washing and emulsifying effect already at temperatures of 35 – 40 °C.
- is nearly foam-free and is therefore very suitable for the application on jet machines. Even on units with extreme liquor kinetics, the addition of defoamers is not usually necessary.
- is stable against acids and alkalis (pH 2 – 13), in normal concentrations.

## Application

KAPPAWET LFE is used for

- wetting and washing of wool, cellulosic and synthetic fibres in continuous and discontinuous processes.
- scouring and bleaching of cotton and blends.
- in pad-batch processes for the pre-emulsifying and the removal of baked fibre preparations and oils from raw fabrics.
- the preliminary stain removal caused by fats, oils originated from high speed looms, pitch tips, etc.

### Recommended application levels:

- Continuous washing: 1.0 - 3.0 g/l KAPPAWET LFE
- Discontinuous washing, scouring, bleaching: 0.5 - 2.0 g/l KAPPAWET LFE
- Pad-batch process: 5.0 - 20.0 g/l KAPPAWET LFE
- Preliminary stain removal: 30.0 - 50.0 g/l KAPPAWET LFE

In many cases, the washing effect of KAPPAWET LFE can even be increased by adding alkali (ammonia, soda, trisodium phosphate or caustic soda).

## Dilution instruction

KAPPAWET LFE can be diluted in cold or warm water.

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](http://www.kapp-chemie.com)

## Storage

KAPPAWET LFE remains stable for at least 1 year if stored properly and cool in a tightly closed container.