

KAPPASOAP LTS

Highly effective soaping agent for reactive dyeing and printing

Chemical composition	nitrogen-containing polymer
Appearance	colourless to light yellowish, clear liquid
pH-value 20 °C	approx. 8.0 (product)
Density 20 °C (g/ml)	approx. 1.02
Ionic charge	amphoteric

Function

KAPPASOAP LTS was developed as a highly effective soaping agent for reactive dyeing and printings.

KAPPASOAP LTS

- removes unfixed dyestuff from the fibre.
- keeps unfixed and hydrolyzed dyestuff in solution and inhibits a re-exhaustion onto the fabric.
- prevents agglomeration on bobbins.
- has a very good dispersing effect.
- can remove higher affinity reactive dyes easier.
- minimizes a colour transmission onto lighter or white parts of the fabric.
- improves common fastnesses as for example the fastness to washing and to perspiration.
- is easily dosable.

Application

KAPPASOAP LTS is applicable as soaping agent for dyeing and printing with reactive dyestuff. It is suitable for exhaustion and continuous processes. The exact temperature is depending on the used reactive dyestuff and the colour depth.

KAPPASOAP LTS is compatible with nonionic and cationic textile auxiliaries and with anionic dyes. It may cause precipitations with strongly anionic products.

Recommended application levels depending on the substrate, dyestuff and colour depth:

	KAPPASOAP LTS
• Light to medium shades (80 – 98°C):	ca. 1,0 g/l
• Medium to dark shades (80 – 98°C):	ca. 1,0 – 1,5 g/l
• If colour transmission to lighter shades should be minimized (approx. 80 °C):	ca. 3,0 g/l

The exact temperature is depending on the used reactive dyestuff and the shade. Before adding KAPPASOAP LTS, the pH-value of the fabric should be adjusted to 7.0 – 9.0.

Dilution instruction

KAPPASOAP LTS can be diluted with water at any ratio, but it can also be added directly to the liquor.

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 May 19, 2023, not subject to systematic change.

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Standards (further on request)

- GOTS

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Storage

KAPPASOAP LTS remains stable for at least 1 year if stored properly, dry and cool (5 – 35 °C) in a tightly closed original container.