KAPPAQUEST P 73
Sequestering and dispersing agent and peroxide stabilizer

CHEMICAL-PHYSICAL DATA
Chemical composition: preparation of polyacrylates and alkyl phosphonates in water
Appearance: clear, weakly yellowish solution
pH-value 20 °C (product): approx. 6.0
Density 20 °C (g/ml): approx. 1.14
Ionic charge: anionic

FUNCTION
KAPPAQUEST P 73 has a good dispersing effect. The product sequesters alkaline earth and heavy metal ions. At pH 11 and 60 °C, 1 g KAPPAQUEST P 73 binds approx. 90 mg CaO. The formed complexes are very stable even in the stronger alkaline range.

KAPPAQUEST P 73 is an excellent peroxide stabilizer for bleaching on cross winder, winch and jet.

It is not recommended to use KAPPAQUEST P 73 in dyeing processes with metallic complex dyes, as some of these dyes involve the risk of demetallization.

APPLICATION
KAPPAQUEST P 73 is especially suitable for scouring, bleaching and dyeing of cotton cross-wound cones and other yarn packages, e.g., warp beams. Due to its optimum dispersing and sequestering capacity, precipitations and deposits, caused by hardness minerals of cotton and/or water, can efficiently be prevented.

KAPPAQUEST P 73 efficiently stabilizes hydrogen peroxide, the addition of a special stabilizer is not necessary.

One-bath combination processes are also possible:
- Scouring and dyeing with vat dyestuffs.
- Bleaching and dyeing with vat dyestuffs.
- Scouring and dyeing with vat dyestuffs and afterbleaching.

Recommended application level:

1 – 2 ml/l KAPPAQUEST P 73

KAPPAQUEST P 73 is also suitable for other aggregates and processes.

DILUTION INSTRUCTION
KAPPAQUEST P 73 can be diluted with cold water at any ratio, but can also be added directly to the respective liquor.

STORAGE
KAPPAQUEST P 73 remains stable for at least 1 year if stored properly and cool in a tightly closed container.