

KAPPAQUEST P 73

Sequestering and dispersing agent and peroxide stabilizer

Chemical composition	preparation of polyacrylates and alkyl phosphonates in water
Appearance	clear, weakly yellowish solution
pH-value 20 °C	approx. 6.0 (product)
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 original container.

Contact

KAPP Chemie
 info@kapp-chemie.com
 +49 / 6772 / 9311-0

