KAPP-CHEMIE
TISSUE TEXTIL
SERVICES

KAPPAQUEST FE conc.

Biodegradable sequestering agent for iron

Chemical composition	sodium salt of a carboxylic acid
Appearance	white powder
pH-value 20 °C	6.5 - 8.0 (10 %)
Bulk weight 20 °C (g/ml)	940 - 1,040
Ionic charge	anionic

Contact

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

Function

KAPPAQUEST FE CONC. is an economical sequestering agent with especially high binding capacity towards iron and copper ions in the strongly alkaline and weakly acid range.

KAPPAQUEST FE CONC. is the concentrated version of KAPPAQUEST FE. 30 parts of KAPPAQUEST FE CONC. diluted with water result in KAPPAQUEST FE.

The following table shows the metal amounts in mg, which are bound by 1 g of KAPPAQUEST FE.

	pH 6			pH 11		
	Fe^{2+}	Fe^{3+}	Cu^{2+}	Fe^{2+}	Fe^{3+}	Cu^{2+}
KAPPAQUEST FE	200	135	135	-	590	200
Na_4-EDTA 40 %	35	55	65	-	30	60

Application

KAPPAQUEST FE CONC. can be used during the scouring, bleaching and/or dyeing processes to inactivate heavy metal traces.

30 parts of KAPPAQUEST FE CONC. diluted with cold water result in KAPPAQUEST FE.

For sequestering water hardness

- 0.25 ml/l KAPPAQUEST FE

per ° dH and litre of water are required.

Dilution instruction

KAPPAQUEST FE CONC. can be diluted with cold water at any ratio.

Storage

KAPPAQUEST FE remains stable for at least 6 months if stored at room-temperature in a tightly closed original container.

At temperatures below 6 °C, KAPPAQUEST FE crystallizes partially, but dissolves again at room temperature without reduction of the effect.

KAPP-CHEMIE GmbH & Co. KG
Industriestraße 2-4
56357 Miehlen
www.kapp-chemie.com