

KAPPAQUEST GF CONC.

Biodegradable sequestering agent for iron

Appearance	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

Function

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

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

	pH 6			pH 11		
	Fe ²⁺	Fe ³⁺	Cu ²⁺	Fe ²⁺	Fe ³⁺	Cu ²⁺
KAPPAQUEST GF	200	135	135	-	590	200
Na ₄ -EDTA 40 %	35	55	65	.	30	60

Application

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

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

For sequestering water hardness

- 0.25 ml/l KAPPAQUEST GF

per ° dH and litre of water are required.

Dilution instruction

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

Storage

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

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

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 20, 2022, not subject to systematic change.

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