

# KAPPAQUEST GF

## Biodegradable Sequestering agent for iron

Chemical composition	sodium salt of a carboxylic acid in aqueous solution
Appearance	clear yellowish liquid
pH-value 20 °C	7.0 – 7.6 (product)
Density 20 °C (g/ml)	approx. 1.16
Ionic charge	anionic

### Function

KAPPAQUEST GF is an economical sequestering agent with especially high binding ability against iron and copper ions in the strongly alkaline and weakly acid range.

The following table shows the metal amounts in mg, which are bound by 1 g of the respective chelating agent

	pH 6			pH 11		
	Fe <sup>2+</sup>	Fe <sup>3+</sup>	Cu <sup>2+</sup>	Fe <sup>2+</sup>	Fe <sup>3+</sup>	Cu <sup>2+</sup>
KAPPAQUEST GF	200	135	135	–	590	200
Na <sub>4</sub> -EDTA 40 %	35	55	65	–	30	60

### Application

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

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.

### Contact

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

