

# KAPPACOM EIS 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

### Function

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

KAPPACOM EIS CONC. is the concentrated version of KAPPACOM EIS.

30 parts of KAPPACOM EIS CONC. diluted with water result in KAPPACOM EIS.

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

	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>
KAPPACOM EIS	200	135	135	-	590	200
Na <sub>4</sub> -EDTA 40 %	35	55	65	-	30	60

### Application

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

30 parts of KAPPACOM EIS CONC. diluted with water result in KAPPACOM EIS.

For sequestering water hardness

- 0.25 ml/l KAPPACOM EIS

per ° dH and litre of water are required.

### Dilution instruction

KAPPACOM EIS CONC. can be diluted with cold water at any ratio.

### Storage

KAPPACOM EIS CONC. remains stable for at least 6 months if stored at room temperature in a tightly closed original container.

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 Feb 10, 2022, not subject to systematic change.

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### Standards (further on request)

- GOTS
- OEKOTEX Standard 100
- ZDHC

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