

KAPPACOM EIS

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

KAPPACOM EIS 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 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

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

For sequestering water hardness

- 0.25 ml/l KAPPACOM EIS

per ° dH and litre of water are required.

Dilution instruction

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

Storage

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

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

Contact

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Standards (further on request)

- Bluesign
- GOTS
- OEKOTEX Standard 100
- ZDHC