

HEPTOL CMA 73 30

Character	Universally applicable sequestrant
Chemical Structure	Blend of polyacrylates and copolymerisates of the acrylic acid
Appearance	Yellowish, clear liquid
Ionic Character	Anionic
pH Value of a 10 % Solution	6.5 - 8.5
Specific Weight at 20 °C	1.1 – 1.3
Stabilities	<p>HEPTOL CMA 73 30 is stable to the usual concentrations of alkali, reducing and oxidising agents.</p> <p>The product is sensitive to frost to a certain extent; changes occurring at low temperatures disappear when warming up and after having stirred the product thoroughly.</p>
Storage	On proper storage in closed original containers, the product is stable for at least 12 months.

Properties

HEPTOL CMA 73 30 has a very good sequestering property towards alkaline earth ions and a good dispersing capacity towards heavy metal compounds in the alkaline medium.

The product is suited to soften the industrial water and to avoid any impact of alkaline earth and heavy metal ions in many processes.

The product does not contain phosphorous, so that HEPTOL CMA 73 30 can also be applied whenever particularly strict limiting values for draining off phosphate into the waste water have to be met.

Application Technique

Diluting Instructions

HEPTOL CMA 73 30 can be diluted with cold and hot water at every ratio but it can also be added to the treatment liquors without being dissolved.

Application Fields

HEPTOL CMA 73 30 is suited as additive to washing, desizing, scouring and bleaching liquors. In addition to its sequestering effect the product improves the soil-suspending property of washing liquors and has an excellent pigment dispersing capacity. HEPTOL CMA 73 30 avoids deposits of alkaline earth salts on the fabric and the machines.

HEPTOL CMA 73 30 does not withdraw the metal ion in the chromophore which is responsible for the shade and fastness of dyestuffs containing metals, so it can also be universally applied as sequestrant in dyeing.

Recommendation for Use

HEPTOL CMA 73 30 has a distinct threshold effect and is thus capable of preventing overstoichiometric amounts of metal ions from forming precipitations in the treatment baths.

For softening the water 0.13 g HEPTOL CMA 73 30 per °dH are needed.

In practice the application amounts depend on the amount of metal ions which must be bound. The following concentrations serve as guideline

for discontinuous processes:

0.5 – 2.0 g/l HEPTOL CMA 73 30

for continuous processes:

1.0 – 5.0 g/l HEPTOL CMA 73 30

for dyeing:

Application amounts depend on water hardness and amount of dyestuff.

0.5 – 2.0 g/l HEPTOL CMA 73 30

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

Edition: May 2024

CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, homepage: www.cht.com

CHT TURKEY KİMYA SAN. VE TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/İstanbul, Tel: :+90 212 886 79 13, Fax:+90 212 886 93 47,

Email: info.turkey@cht.com