

Cleanfloc EPOMax P1

Liquid heavy metal precipitant

Produkt description:

Cleanfloc EPOMax P1 is a heavy metal precipitation agent for the treatment of process and industrial waste water.

It can be used alone or in combination with flocculation aid agents.

Cleanfloc EPOMax P1 is responsible for heavy metal precipitation. It consists of polymeric bounded sulfur groups.

Dosage:

The dosage needs practical evidence. If the metals are bounded as a soluble complex (in the form of citrate, gluconate, NTA, EDTA, etc.) the dosing needs to be empirically evaluated.

The usual dosing in practice is between 0.2 – 1.0 l/m³, if Cleanfloc EPOMax P1 is used alone.

Physical properties:

Density	1.10 ± 0.05 g/cm ³ at 20°C
pH-value:	10.5 ± 1.5
Brookf. viscosity:	30 – 500 mPa/s (LV2, 60 min ⁻¹)
Solubility in water:	unlimited

Application-Guide:

Galvanizing plants:	+++	Zinc:	+++++
Electro polishing:	++	Nickel:	+++
Automotive industry:	+++	Copper:	+++++
Incineration plants:	+++++	Mercury:	+++++
Coal power plants:	+++++	Chrome (Cr³⁺):	+++
Soil remediation:	++	Lead:	+++
Circuit board industry:	+++++	Tin:	+
		Cobalt:	+
		Cadmium:	++++
		Silver:	+++++

At a glance:

pH application area:	pH 3 - 10
Temp. Application area:	10 – 75°C
Reaction time:	10 – 40 minutes
Highly recommended:	Zinc; Copper; Mercury; Cadmium; Silver
Less recommended:	Blei; Chrom; Nickel
Storage conditions:	0 – 35°C
Dangerous goods (ADR):	NO DANGEROUS GOOD
Water hazard class:	WHC 1

