

EPOFLOC L1-R

Liquid heavy metal precipitant

Produkt description:

EPOFLOC L1-R 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.

EPOFLOC L1-R 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 EPOFLOC L1-R is used alone.

Physical properties:

Density	1.30 ± 0.05 g/cm ³ at 20°C
pH-value:	12.5 ± 1.0
Brookf. viscosity:	30 – 500 mPa/s at 25°C
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 – 70°C
Reaction time:	10 – 40 minutes
Highly recommended:	Copper; Mercury; Zinc; Chrome; Cadmium; Silver
Less recommended:	Lead; Nickel
Storage conditions:	0 – 30°C
Dangerous goods (ADR):	UN3267, 8, III
Water hazard class:	WHC 1

