

# Cleanfloc EPO 25

## Liquid heavy metal precipitant

**Produkt description:**

Cleanfloc EPO 25 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 EPO 25 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/m<sup>3</sup>, if Cleanfloc EPO 25 is used alone.

**Physical properties:**

<b>Density</b>	1.28 ± 0.01 g/cm <sup>3</sup> at 20°C
<b>pH-value:</b>	12.7 ± 0.1
<b>Brookf. viscosity:</b>	No data available.
<b>Solubility in water:</b>	unlimited

**Application-Guide:**

<b>Galvanizing plants:</b>	++++	<b>Zinc:</b>	++++
<b>Electro polishing:</b>	++++	<b>Nickel:</b>	++++
<b>Automotive industry:</b>	++++	<b>Copper:</b>	++
<b>Incineration plants:</b>	+++	<b>Mercury:</b>	-
<b>Coal power plants:</b>	++	<b>Chrome (Cr<sup>3+</sup>):</b>	+
<b>Soil remediation:</b>	+	<b>Lead:</b>	+++
<b>Circuit board industry:</b>	++++	<b>Tin:</b>	-
		<b>Cobalt:</b>	+++
		<b>Cadmium:</b>	++++
		<b>Silver:</b>	+++

**At a glance:**

<b>pH application area:</b>	pH 6.4 - 12
<b>Temp. Application area:</b>	10 – 70°C
<b>Reaction time:</b>	10 – 40 minutes
<b>Highly recommended:</b>	Zinc; Nickel; Cadmium
<b>Less recommended:</b>	Lead; Cobalt; Silver
<b>Storage conditions:</b>	5 – 30°C
<b>Dangerous goods (ADR):</b>	UN3082, 8.9, II
<b>Water hazard class:</b>	WHC 2

