

Diplexin Zn-1/MEP

Liquid and highly active metal-precipitant for complex waste waters

Diplexin Zn-1/MEP is used for precipitation of complexed heavy metals. The user receives an easyto-use product that reliably precipitates all common heavy metals. Due to the specific composition of Diplexin Zn-1/MEP, zinc can be primarily precipitated significantly better than with conventional organosulphides. The modified composition also acts on nickel extremely reliable. A possible redissolution of the metals from the sludge in the clarified water is prevented due to the composition of Diplexin Zn-1/MEP. This product combines multi-metal precipitation with an outstanding price-efficiency ratio.

Technical Properties	
Density (g/cm ³) at 20°C	1,20 - 1,30
pH-value (10 g / $ $ H ₂ O)	12 -13
Application temperature (°C)	20 - 50
Water solubility (%)	100
Operation concentration kg/m ³	0,2 - 5,0

++	Lacquer Factories	++
++	Anodizing Companies	+
++	Cracking Industry	++
++	Chemical Industry	++
	++ ++ ++ ++	++Lacquer Factories++Anodizing Companies++Cracking Industry++Chemical Industry

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recommended			

General Indications
The product is used as delivered.
Reaction time is appr. 10 - 40 minutes.
Recommended pH-value : 4,0 - 13,0; optimum at 6,0 - 9,0
Chemical affinity of heavy metals: $Zn^{2+} > Ni^{2+} > Cu^{2+} > Hg^{2+} > Pb^{2+}$
Overdoses can be detected by using the "S-indicator solution".
A possible overdose of Diplexin Zn-1/MEP has to be treated with iron-based products
Special benefits: active over a broad pH-range -highly effective on different heavy metals -
low price

Storage condition : not below 0 °C

