



Färber & Schmid
Chemie · Technik

Diplexin AM-550

Environmental friendly metal-precipitant

Diplexin AM-550 is a metal precipitant based on cross-linked sulphide compounds to eliminate heavy metals out of industrial contaminated waste water. Even in the presence of strong complexing agents a secure elimination of all metals are possible. This product combines multi-metal precipitation with an interesting price-efficiency ratio. This product can also be added in acid conditions, where it is absolutely chemical stable.

Diplexin AM-550 offers unique and excellent environmental compatibility. Due to it's special molecular structure an advantage of flocculation and mud sedimentation occurs.

Adding standard sulphur-based metal precipitants in combination with some organic contaminations of the waste water can results in turbidity of the treated water. This negative impact does not appear by using Diplexin AM-550. The operator receives an easy to use product. The optimised dosing quantities of Diplexin AM-550 have to be defined upon the composition and kind of waste water.

Technical Properties	
Density (g/ccm) at 20°C	1,15 - 1,20
pH-value (10 g / l H ₂ O)	9,5 - 12,5
Application temperature (°C)	20 - 50
Water solubility (%)	100
Operation concentration kg/m ³	0,2 - 5,0

Applications			
Galvanic Companies	++	Lacquer Factories	++
Printed Circuit Boards	++	Mining Companies	++
Sewage Plants	++	Textile Industry	++
Waste Diposal	++	Chemical Industry	++

++ very recommended	+ recommended	o possible	- not recommended
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General Indications
The product is used as delivered
Reaction time is appr. 10 - 45 minutes
Recommended PH-Value : 2,0 - 10,0
Chemical affinity of heavy metals: Hg ²⁺ > Co ²⁺ > Zn ²⁺ > Cu ²⁺ > Ag ⁺ > Ni ²⁺ > Pb ²⁺ > Fe ³⁺ > Mn ²⁺
Special benefits: low toxicity – active over a broad pH-range – no smelling – highly effective on different heavy metals
Storage condition : not below 0°C



ISO 9001 / ISO 14001

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