



Färber & Schmid  
Chemie · Technik

# Diplexin SP-08/F2

## Highly concentrated, liquid heavy metal-precipitant

Diplexin SP-08/F2 is used for reliable precipitation of complexed heavy metals. Any possible resolution of the metals from the sludge is reliably prevented due to the composition of Diplexin SP-08/F2. The right dosage of this product can be controlled and automate by Redox/ORP because of the special design. On the basis of the special manufacturing process, the product is highly concentrated and extremely efficient in heavy metal precipitation. One of the main application is the treatment of WW coming from alkaline Zn/Ni plating and other high complexed processes.

Technical Properties	
Density (g/cm <sup>3</sup> ) at 20 °C	1,15 – 1,25
pH-value (10 g / l H <sub>2</sub> O)	>11
Application temperature (°C)	20 - 30
Water solubility (%)	100
Operation concentration kg/m <sup>3</sup>	0,2 - 10,0

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

++ very recommended	+ recommended	o possible	- not recommended
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General Indications
The product is delivered as a ready to use solution.
The processing time is appr. 10 - 40 minutes.
The scope of application is at pH 7,0 to 11,0; optimally from 7,5 to 9,5.
Especially if higher dosing quantities are required, the pH value may decrease. The pH value must therefore be monitored and corrected with Sodiumhydroxide, if the pH decrease below pH 6. This ensures the pH value remaining in the ideal precipitation range.
Over-dosage are to be avoided because of eco-toxic reasons and can be detected safely by using the "S-indicator solution" and equalize by Special Fluid FS 111.
Any product over dosage must be bound with Special Fluid FS 111.
Avoid storage temperatures below 5 °C.
Automatic and optimal dosage of Diplexin SP-08/2F is possible by ORP/Redox controlling.

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