



Färber & Schmid  
Chemie · Technik

# Koagulin FS-22

## Liquid inorganic coagulant

Koagulin FS-22 is a specific formulation of selected metal salts. The user receives an easy-to-use product which is specifically proven for heavily polluted wastewater (degreasing, oils, emulsions, surfactants, etc.).

By the use of Koagulin FS-22 only a very little amount of additional sludge volume is produced, especially when compared to iron chloride and sulfate solutions.

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

Applications			
Galvanic Companies	++	Lacquer Factories	++
Printed Circuit Boards	++	Mining Companies	+
Sewage Plants	++	Textile Industry	++
Swimming Pools	++	Chemical Industry	++

++ very recommended	+ recommended	o possible	- not recommended
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General Indications
The product can be used as delivered.
Reaction time is appr. 10 minutes.
Recommended pH-value : 1,0 - 13,0; optimum at 4,0 - 9,0.
The product eliminates emulsions. The released oil is safely removed.
Colloidal turbidity is removed.
Koagulin FS-22 improves the sludge dewatering.
Colored wastewater are broken down and the dye is bound to the sludge.
The resulting hydroxide sludge can subsequently flocculate very well.
Dangerous goods
Special benefits: stable pre-flocculation – clear water – splitting properties - optimised sludge dewatering ability

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