

Reductor SO-4/2K

Liquid precipitant for sulfates

Reductor SO-4/2K is a specific formulation primarily used as precipitant for sulfates (SO_4^{2-}). This product has a maximum load capacity of active components and is therefore highly efficient.

Technical Properties	
Density (g/ccm) at 20°C	1,20 – 1,30
pH-value (10 g / l H ₂ O)	6,0 – 9,0
Application temperature (°C)	20 – 50
Water solubility (%)	100
Dosage kg/m ³	according to sulfat-value

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

++ very recommended	+ recommended	o possible	– not recommended
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General Indications
The product should be used as delivered.
Reaction time is appr. 10 minutes.
The application range is at pH-value 7,0 – 9,0.
The sulphate content in the waste water should not be less than 150 mg/l.
Dosage of Reductor SO-4/2K is related to the value of sulfates e.g. for the precipitation of 1g sulphate 6 ml Reductor SO-4 /2K is needed.:
Example: $700 \text{ mg / l SO}_4^{2-} / \text{batch size } 1 \text{ m}^3 = 700 \text{ mg} - 150 \text{ mg} = 550 \text{ mg/l} \times 1000 \text{ l} = 550 \text{ g/m}^3 \text{ SO}_4^{2-} = 3.3 \text{ l Reductor SO-4/2K to } 1 \text{ m}^3 \text{ of waste water.}$
Overdosing of the product has to be avoided.
Reductor SO-4/2K is added before flocculation.
Dangerous goods



ISO 9001 / ISO 14001