



QUICKFLOC

ferrous sulfate

Precipitant and flocculant for

- Phosphate elimination
- Bulking sludge abatement
- Hydrogen sulfide elimination
- Industrial effluent treatment
- Drinking water treatment

Chlorosis control

Chromate reduction in cement

Pigment production

Formula	FeSO ₄ · 7 H ₂ O
Form	Pale-green, moist salt
European standard	EN 889

Active substance 178 g Fe/kg \triangleq 3.19 mol/kg

Typical composition	Iron (Fe ²⁺)	17.8 %
	Residual moisture (H ₂ O)	< 4.0 %
	Insolubles	0.09%

Trace elements	As < 0.1 mg/kg*	Pb < 1 mg/kg
	Cd < 0.03 mg/kg*	Sb < 0.1 mg/kg*
	Cr < 8 mg/kg	Se < 0.1 mg/kg*
	Cu 1 mg/kg	Zn 90 mg/kg
	Hg < 0.01 mg/kg*	AOX < 2 mg/kg*
	Ni 45 mg/kg	

* Detection limit

Apparent density	approx. 1 t/m ³
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Delivery	in bulk by dump truck
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Solubility in	
water at 10 °C:	400 g/l
water at 20 °C:	500 g/l
Density of the solution	
	1.2 g/cm ³ bei 400 g/l
Freezing point of solutions	
	- 2 °C (regardless of concentration)
Concentration for use	
	Saturated or concentrated solution with no less than 25 % QUICKFLOC (undersaturated solutions tend to hydrolyse and precipitate solids)
pH value of the saturated solution	
	Approx. 2
Recommended materials	
	All common plastics and special steel 1.4571
Safety	
	Before using any of our products, please consult our Safety Data Sheets.

The information in this publication is intended to serve as a guide, but is not necessarily complete and is given without warranty. Caution must be exercised to comply with statutory obligations and to avoid infringing rights of third parties.

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DS2265EN/115EN

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