



## **QUICKFLOC S**

**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**

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

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**Active substance      176 g Fe/kg  $\triangleq$  3.15 mol/kg**

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Typical composition	Iron (Fe <sup>2+</sup> )	17.6 %
	Sulfur (S)	11.3 %
	Magnesium (Mg)	1.0 %
	Residual moisture (H <sub>2</sub> O)	< 4.0 %
	Insolubles	0.04 %

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Trace elements	As < 0.1 mg/kg*	Pb      0.2 mg/kg
	Cd < 0.03 mg/kg*	Sb < 0.1 mg/kg*
	Cr < 13 mg/kg	Se < 0.1 mg/kg*
	Cu    0.9 mg/kg	Zn    29 mg/kg
	Hg < 0.01 mg/kg*	AOX < 2 mg/kg*
	Ni    56 mg/kg	

\* Detection limit

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Apparent density      Approx. 1 t/m<sup>3</sup>

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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 <sup>3</sup> 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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DS2264EN/115EN

