



KRONOFLOC

ferrous chloride solution

Precipitant and flocculant for

- Sludge conditioning
- Phosphate elimination
- Bulking sludge abatement
- Hydrogen sulfide elimination
- Industrial effluent treatment
- Chromate reduction

Formula	FeCl ₂
Form	Green solution, about 20 % concentration

Active substance 87 g Fe/kg \triangle 1.56 mol/kg

Typical composition	Iron (Fe ²⁺)	8.7	%
	Calcium (Ca)	2.8	%
	Manganese (Mn)	1.4	%
	Magnesium (Mg)	0.6	%
	Hydrochloric acid (HCl)	0.3	%
	Insolubles	< 0.003	%

Trace elements	Cd < 0.1 mg/kg*	Ni	10 mg/kg*	
	Cr 6 mg/kg	Pb	7 mg/kg	
	Cu 0.3 mg/kg	Zn	8 mg/kg	
	Hg < 0.01 mg/kg*	AOX < 2 mg/kg*		

* Detection limit

Density	1.365 g/cm ³
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Delivery	In bulk by rubber-lined road tanker or packed in plastic containers and drums
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Freezing point	From approx. -15°C start of crystallization* * Targeted dilution with water can prevent crystallization, so that there are no restrictions in terms of winter operation.
pH value	<1
Consumption of acid capacity ($K_{S4,3}$)	0.21 mmol/100 mg
Concentration for use	Undiluted as delivered or diluted with water to a ratio of 1: 10 at most
Recommended materials	All common plastics except polyamide
Storage	We recommend annual rinsing of the storage tank.
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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