



## **KRONOFLOC**

**ferrous chloride solution**

Precipitant and flocculant for  
**sulfide elimination from biogas**

Formula  $\text{FeCl}_2 + \text{MnCl}_2$   
Form Green solution, about 23 % concentration  
(20 %  $\text{FeCl}_2$  + 3 %  $\text{MnCl}_2$ )

**Active substance**      **87 g Fe/kg  $\triangleq$  1.56 mol/kg**  
                                 **14 g Mn/kg  $\triangleq$  0.25 mol/kg**

Typical composition

Iron ( $\text{Fe}^{2+}$ )	8.7	%
Calcium (Ca)	2.8	%
Manganese (Mn)	1.4	%
Magnesium (Mg)	0.6	%
Hydrochloric acid (HCl)	0.3	%
Insolubles	< 0.003	%

Trace elements

As < 0,1 mg/kg*	Ni	10	mg/kg
Cd < 0.1 mg/kg*	Pb	7	mg/kg
Cr 6 mg/kg	Tl	< 0.2	mg/kg*
Cr <sup>VI</sup> < 0.01 mg/kg	Zn	8	mg/kg
Cu 0.3 mg/kg	AOX < 2	mg/kg*	
Hg < 0.01 mg/kg*	PFT < 0.01	mg/kg*	

\* Detection limit

Density 1.365 g/cm<sup>3</sup>

Delivery In bulk by rubber-lined road tanker  
or packed in plastic containers and drums

Freezing point	From approx. $-15^{\circ}\text{C}$ start of crystallization* * Targeted dilution with water can prevent crystallization, so that there are no restrictions in terms of winter operation.
pH value	<1
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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