

# Ferrogent Powder

Ferrous sulfate monohydrate

**Application** Chromate reduction in cement, Fertiliser production

**Formula**  $\text{FeSO}_4\text{H}_2\text{O}$

**Form** Grey powder

**Active substance** 309 g Fe/kg  $\pm$  5.5 mol/kg

## Typical composition

Iron ( $\text{Fe}^{2+}$ )	30.9	%
Magnesium (Mg)	0.8	%
Manganese (Mn)	0.07	%
Sulfate ( $\text{SO}_4$ )	57.0	%
Humidity	< 1.0	%

## Trace elements

As < 0.1	mg/kg*	P < 5	mg/kg*
Cd < 0.03	mg/kg*	Pb < 0.1	mg/kg*
Cl < 10	mg/kg*	Sb < 0.1	mg/kg*
Cr 9	mg/kg	Se < 0.1	mg/kg*
Cu 0.5	mg/kg	Tl < 0.2	mg/kg*
F < 10	mg/kg	Zn 30	
Hg < 0.01	mg/kg*	AOX < 2	mg/kg*
Ni 53	mg/kg		

\*Detection limit

**Apparent density** ca. 1.4 t/m<sup>3</sup>

## Typical particle size

$D_{70} = 0.1$  mm

$D_{95} = 0.3$  mm

**Recommended materials** No particular requirements

**Delivery** 10 kg bags. 1.000 kg big bags on request

**Safety** Before using any of our products consult our Safety Data Sheets

**Warranty** The information in this publication is intended to serve as a guide, but is not necessarily complete and is given without warranty. User is obliged to ensure that the user is following local, regional, and national rules, regulations and laws.