

Magnesium Chloride – Flakes

Feed Specification

Trade Name **Magnesium Chloride – Flakes (Bischofite)**
Formula **MgCl₂ · 6 H₂O**



Chemical Composition	Typical analysis	Guarantee Analysis
Magnesium Chloride (MgCl ₂)	47,2 %	min. 46,5 %
Magnesium Sulphate (MgSO ₄)	0,2 %	max. 0,8 %
Calcium Sulphate (CaSO ₄)	0,1 %	max. 0,2 %
Calcium Chloride (CaCl ₂)	0,0 %	0,0 %
Potassium Chloride (KCl)	0,4 %	max. 0,8 %
Sodium Chloride (NaCl)	0,7 %	max. 0,9 %
Iron (Fe)	5,00 ppm	max. 10 ppm
Arsenic (As)	0,02 ppm	max. 2 ppm
Lead (Pb)	0,02 ppm	max. 10 ppm
Mercury (Hg)	0,003 ppm	max. 0,1 ppm
Cadmium (Cd)	0,002 ppm	max. 2 ppm
pH in saturated solution	5,5	max. 8,9 (50 g/l H ₂ O, 20 °C)

Additives	none
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Physical Data	
Decomposition Temperature (°C)	120
Density (g/cm ³ at 20 °C)	1,591 - 1,604
Bulk Density (kg/m ³)	600 - 800
Appearance	white/ yellowish flakes

Data according to EU 2017/1017	Typical analysis
Magnesium (Mg)	12,1 %
Chlorine (Cl)	35,2 %
Ash insoluble in HCl if > 10 %	