

Stand: 23.07.2021

Specification**General Product Information**

Product Name	Bischofite
Trade Name	Magnesium chloride - flakes
Formula	MgCl ₂ · 6 H ₂ O

Chemical Composition

	Typical Analysis	Guaranteed Analysis
	[%]	[%]
Magnesium chloride (MgCl ₂)	47.2	≥ 46.5
Magnesium sulfate (MgSO ₄)	0.20	≤ 0.80
Calcium sulfate (CaSO ₄)	0.10	≤ 0.20
Calcium chloride (CaCl ₂)	0.00	0.00
Potassium chloride (KCl)	0.40	≤ 0.80
Sodium chloride (NaCl)	0.70	≤ 0.90
Iron (Fe)	5.00 ppm	≤ 10.0 ppm

Chemical Data

	Typical Analysis	Guaranteed Analysis
pH in saturated solution	5.5	≤ 8.9 (50 g/l H ₂ O, 20 °C)

Physical Data

Decomposition Temperature	Density at 20 °C	Bulk Density
120 °C	1.591 - 1.604 g/cm ³	600 - 800 kg/m ³

Properties

Additives	None
Colour	White / yellowish