DEUSA INTERNATIONAL GmbH

Version: 04.11.2016

Magnesium Chloride – Flakes
Specification

Trade Name **Magnesium Chloride – Flakes (Bischofite)**
Formula $MgCl_2 \cdot 6\ H_2O$

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, 0 ppm
Ph in saturated solution	5,5	max. 8,9 (50g/l H_2O, 20°C)

Additives	none

Physical Data	
Decomposition Temperature (C°)	120
Density (g/cm³ at 20 ° C)	1,591 - 1,604
Bulk Density (kg/ m³)	600- 800
Appearance	white / yellowish Flakes