



Magnesium Sulphate Anhydrous

typ. 98% MgSO₄, calculated with reference to the anhydrous substance

Version 7.0, Printing date 2019-11-14

Combined nomenclature: 28,332,100

Nature of Product: nearly white salt, hygroscopic

Chemical Analysis:	w	typical	min.	max.
• Magnesium Sulphate (MgSO ₄)	%	98.4	97.5	
• Potassium Sulphate (K ₂ SO ₄)	%	0.6	0.1	1.5
• Calcium Sulphate (CaSO ₄)	%	0.5	0.1	1.0
• Others, mainly H ₂ O	%	0.5	0.1	1.5

Granulometry:	typical
• < 0.8 mm	98 %
• d ₅₀	0.33 mm

Physical Properties:

- Bulk Density ca. 1,300 kg/m³
- Angle of Repose ca. 31 °
- Molecular Weight 120.37 g/mol
- Density 2.7 g/cm³
- Solubility in water w (MgSO₄) = 26.3 % at 20 °C (68 °F)
readily soluble; to avoid clotting, the salt should always be intensively mixed into water and not vice versa

Packaging:

- 25 kg bags
- Big Bags
- bulk

Application:

High concentrated magnesium and sulphur fertilizers, pulp industry, manufacture of detergents, particularly for washing machines, ABS plastics, chemical industry, manufacture of other magnesium compounds or pure magnesium sulphate solutions, sewage treatment, dye works, alumina beneficiation, rayon and textile industries, building and refractory industries, fire extinguishing substances, adhesives.

The data given above is based on our continuous quality monitoring system. They do not exempt the user from his obligation to make an incoming inspection of the delivered product. The data are for information purposes and do not constitute any guarantee. It is the responsibility of the user to determine the product's suitability for his intended use.