



Epsom Salt pure, technical

Magnesium Sulphate Heptahydrate ($\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$)

min. 99 % MgSO_4 , calculated with reference to the dried substance

Officially certified dioxin-, BSE/TSE- and GMO-free production process

Version 5.1

printing date 2014-03-03

Combined nomenclature: 28,332,100

Nature of Product: white crystals

Chemical Analysis:

	typical	w
• Magnesium Sulphate (MgSO_4)	49	%
• Water (H_2O)	51	%
• Na	100	mg/kg
• K	400	mg/kg
• Ca	100	mg/kg
• Cl	200	mg/kg
• H_2O -Insolubles	20	mg/kg
• Fe	1	mg/kg
• Heavy metals as Pb	< 5	mg/kg

Granulometry:

	typical	w
• < 1.0 mm	65	%
• d_{50} [mm]	0.80	

Physical Properties:

• Bulk Density	ca. 980 kg/m ³
• Angle of Repose	ca. 32 °
• Molecular Weight	246.47 g/mol
• Density	1.7 g/cm ³
• Solubility in water	w (MgSO_4) = 26.3 % at 20 °C (68 °F)
readily soluble, practically without residues; always vigorously stir the salt into water or solution	

Special characteristics:

Depending on ambient temperature and prevailing relative humidity the product is prone to absorption of water and dehydration, which can result in caking.

Packaging:

- 25 kg or 50 kg bags
- Big Bags
- bulk

Application:

In construction, pulp and detergent industries; as fertiliser; for the production of plastic (ABS, EPS), adhesives, refractory materials, synthetic seawater, pigments, etc.; for the manufacture of other Mg-compounds.

The data given above are based on our continuous quality monitoring system. They do not exempt the users from their obligation to make an incoming control of the delivered product. The data are for information purposes only and are not to be taken as a guarantee. It is the responsibility of the users to determine the product's suitability for its intended use.

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