



PRODUCT INFO
& DATASHEET

MAGNESIUM SULPHATE HEPTAHYDRATE
(16% MgO + 32% SO₃)
EPSOM SALT PURE, technical grade
Permitted for use in organic farming
Origin: EU

Product Description:

Magnesium Sulphate 16/32 (= 9.6% Mg)
16% MgO, water soluble magnesium oxide
32% SO₃, water soluble sulphur trioxide (= 13 % S)

Chemical Analysis

	Typical	w
* Magnesium Sulphate Heptahydrate (MgSO ₄ -7H ₂ O), calculated as MgSO ₄	49	%
* Water of crystallisation (H ₂ O)	50.9	%
* K ₂ SO ₄ , CaSO ₄ , KCl, NaCl	0.1	%

Granulometry

	Typical	w
< 1.0 mm	65	%
d ₅₀ (mm)	0.80	
Bulk density	approx. 980 kg/m ³	
Bulk density (packed)	approx. 1,100 kg/m ³	
Angle of Repose	approx. 32 dgr.	

Physical Properties

pH (5 % solution)	approx. 8 at 25 dgr. C.
Solubility in water	w (MgSO ₄) = 26.3% at 20 dgr. C. (68 dgr. F.)

Readily soluble, practically without residues; always vigorously stir the salt into water or solution.

Storage

Store at cool and dry place. Excessive storage pressure and large temperature fluctuations can result in caking, which can be broken up by pounding of the bags.

Application

Is preferably used as a foliar fertilisation for higher yields and better quality. It eliminates magnesium and sulphur deficiencies quickly and successfully. When mixed with any plant protection products the recommendations of the plant protection manufacturers have to be followed. This product is made from naturally occurring crude potassium salt and is permitted for use in organic farming according to the Regulations (EC) No 834/2007 and (EC) No 889/2008.

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