



ADOB® Magnesium Sulphate Heptahydrate


Characteristics

ADOB® Magnesium Sulphate Heptahydrate (Epsom salt) is a specialty fertiliser with high concentrations of magnesium (MgO; 16.3%) and sulphur (SO₃; 32.5%). Owing to a patented production process, ADOB® Magnesium Sulphate Heptahydrate is characterised by several unique properties. The solubility of the product is 0.7kg/l at 20°C and its rapid and complete dissolution in water makes the nutrients quickly available to plants. The fertiliser is formulated as 100% water-soluble, free-flowing crystals without any impurities. As a result of relatively low hygroscopicity, there is no risk of caking.

ADOB® Magnesium Sulphate Heptahydrate is an effective source of magnesium and sulphur and is mainly recommended for foliar application, hydroponics and fertigation. The high concentration of nutrients in this fertiliser meets the needs of even the most demanding plants. It is recommended for preventive and corrective fertilisation of all crops.

ADOB® Magnesium Sulphate Heptahydrate ensures the quick and effective fertilisation of plants with both of the secondary nutrients it contains. Magnesium is a central component of the chlorophyll molecule; as such, it is essential for optimal photosynthesis. It also enhances the catalytic activity of many enzymes by establishing a precise geometry between the enzyme and its substrate. Sulphur is a uniquely important part of three amino acids, making it essential for all known structural and functional proteins (enzymes). It is especially crucial for oil and protein crops, which explains why it is considered as the third major plant nutrient after nitrogen and phosphorus for oilseed, soybean, forage and maize. An increasing amount of new evidence points to the high importance of sulphur in plant defence mechanisms against biotic and abiotic stresses.

ADOB® Magnesium Sulphate Heptahydrate is an effective product for the correction of magnesium and sulphur deficiencies and for treating the physiological diseases that they cause.

-  EC fertiliser
-  crystalline fertiliser
-  contains magnesium and sulphur
-  fast and efficient Mg uptake
-  fast dissolution and complete solubility
-  preventive and corrective effect
-  increased yields and improved yield quality
-  outstanding quality



Packaging:
25, 1000 kg

Composition

Composition – ADOB® Magnesium Sulphate Heptahydrate

Nutrients	Symbol	Content [% w/w]	Form
Magnesium oxide	MgO	16.3	soluble in water
Sulphur	SO ₃	32.5	soluble in water

