



ADOB® Magnesium Sulphate Dihydrate

Characteristics

ADOB® Magnesium Sulphate Dihydrate is a specialty fertiliser with high concentrations of magnesium (MgO; 26.0%) and sulphur (SO₃; 52.0%). Owing to a patented production process,

ADOB® Magnesium Sulphate Dihydrate is characterised by several unique properties. The fertiliser is formulated as fully water-soluble, free-flowing micro-granules without any impurities or dust. Due to the “raspberry” shape of the micro-granules, the product is not hygroscopic and is self-soluble, with no mixing required. The solubility is 0.7kg/l at 20°C.

ADOB® Magnesium Sulphate Dihydrate is an effective raw material for the production of water-soluble fertilisers that include magnesium and sulphur. Unlike other similar products,

ADOB® Magnesium Sulphate Dihydrate is fully and quickly soluble. Its unique shape keeps the final product free-flowing and makes it less prone to caking. 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 Dihydrate ensures 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 Dihydrate is an effective product for the correction of magnesium and sulphur deficiencies and for treating the physiological diseases that they cause.

- EC fertiliser
- microgranular
- contains magnesium and sulphur
- excellent miscibility
- fast and efficient Mg uptake
- fast dissolution and complete solubility
- outstanding quality
- increased yields and improved yield quality



Packaging:
25, 1000 kg

Composition

Composition – ADOB® Magnesium Sulphate Dihydrate

Nutrients	Symbol	Content [% w/w]	Form
Magnesium oxide	MgO	26.0	soluble in water
Sulphur	SO ₃	52.0	soluble in water

