

## Magnesium Sulfate Heptahydrate Fertilizer Grade

Magnesium (Mg) is very important for plants as it is used in chlorophyll formation, protein synthesis and all energy transformations.

In animals Magnesium is important in the metabolism of carbohydrates, lipids (fats), proteins, in nerve activity and muscle contraction.

Magnesium Sulfate is used as a soluble salt for outdoor and glasshouse fertigation programs as well as a foliar fertilizer for application to crops to help overcome magnesium deficiencies.

**Cas Number – 10034-99-8**

**EINECS Number 231-298-2**

Purity	min. 99.5 %
Water soluble MgO	min. 16.26 %
Water soluble SO <sub>3</sub>	max. 32.46 %
Magnesium (Mg)	min. 9.80 %
Sulfur (S)	min. 12.90 %
Ph	5.5 - 7.5
Loss on ignition	49 - 50 %
Grain size	35 mesh
Appearance	White crystal
Arsenic (As)	max. 1 mg /kg
Cadmium (Cd)	max. 2 mg/kg
Fluorine (F)	max. 150 mg/kg
Lead (Pb)	max. 10 mg/kg
Mercury (Hg)	max. 0.1 mg/kg
Nitrites (as Sodium Nitrite)	max. 15 mg/kg
Dioxins (ng WHO-PCCD/F-TEQ/kg)	max. 0.75 ng/kg
Dioxins+PCBs (ng WHO-PCDD/F-PCB-TEQ/kg)	max. 1.0 ng/kg
Non-Dioxin like PCBs	max. 10 µg/kg

**Packing Options: 50 lb bags, Big Bags/Totes**



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.

**Contact us**

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