

## Magnesium Oxide Feed Grade

Magnesium is a vital nutrient in an animal's diet to support proper bone growth and development.

Magnesium deficiency in cattle can lead to a condition known as Grass Tetany. Mineral supplements are split into two groups: Macro and Microelements. These relate to the required quantities of the diet or to the levels found in the animal body. For example, while the cow needs a 20 g ingestion of Calcium per day, its lack of selenium is 100 g per day. Among the Macros are: Calcium (Ca), Phosphorus (P), Sodium (Na), Potassium (K), Chlorine (Cl), Sulfur (S), and Magnesium (Mg).

Although they represent an average of only 2-3% of the total diet, the mineral components have a fundamental role in the overall metabolism of the animal, since they are essential for the use of energy and protein as well as for the synthesis of essential compounds in the body.

**Cas Number – 1309-48-4**

**EINECS Number 215-171-9**

Magnesium Oxide (MgO)	min. 90.0 %
Magnesium (Mg)	min. 54.0 %
Silicon Dioxide (SiO <sub>2</sub> )	max. 5.0 %
Calcium Oxide (CaO)	max. 2.5 %
Iron (III) Oxide (Fe <sub>2</sub> O <sub>3</sub> )	max. 4.0 %
Aluminium (III) Oxide (Al <sub>2</sub> O <sub>3</sub> )	max. 1.0 %
Loss on ignition	< 1.0 %
Grain size	12 mesh

**Packing Options: 50 lb bags, Bulk, 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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