

SPECIFICATION

Product Name: Magnesium Oxide Feed Grade (85-87%)
Chemical Formula: MgO
CAS Number: 1309-48-4
Molecular Weight: 40.305 g/mol
Appearance: Off-white to light cream powder/granules
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value
Silica (SiO ₂)	%	5.71
Calcium Oxide (CaO)	%	2.52
Magnesium Oxide (Mgo)	%	87.55

Physical Properties

- Solubility: Slightly soluble in water; soluble in acids.

Shelf Life & Storage

- Shelf Life: 5 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a cool, dry, and well-ventilated area. Keep in tightly closed bags/containers to prevent moisture absorption. Protect from humidity and direct sunlight. Keep away from acids and acidic materials.

Applications

- Use: Source of magnesium in livestock and poultry feed.
- Balance magnesium levels in compound feed formulations.
- Dosage: Depends on species, diet composition, and veterinarian/nutritionist recommendation.

Packaging

- Standard Packing: 50 kg woven PP bags with inner liner and 100 grams, or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.

