



# MATERIAL SAFETY DATA SHEET

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## SECTION I: GENERAL INFORMATION

Product Number: 0404 Product Name: **Powder Biomin® Magnesium (12% Mg)**  
Product Class: Plant Miconutrients  
Chemical Name and Synonyms: Magnesium glycinate  
Precautions: Avoid contact with eyes, skin, and clothing

## SECTION II: HAZARDOUS INGREDIENTS

Not Applicable

## SECTION III: PHYSICAL/CHEMICAL DATA

Boiling Point: Not Determined  
% Volatile by Weight: N/A  
Vapor Density: N/A  
Vapor Pressure (mm Hg): N/A  
Solubility In Water: Partially Soluble  
Bulk Density: 0.90 g/cc  
Appearance and Odor: White powder  
pH (1 in 40): 6.0 to 8.0

## SECTION IV: FIRE AND EXPLOSION DATA

Flash Point: N/A  
Explosive Limits: Not Determined  
Extinguishing Media: Dry Chemical, Carbon Dioxide,  
Foam, Water Class BC, ABC Fire Extinguisher  
Unusual Fire Explosion Hazards: None

## SECTION V: REACTIVITY DATA

Stability: Stable  
Hazardous Polymerization: will not occur  
Hazardous Decomposition Products May Include: None  
Incompatibility: Alkaline solutions of pH 10 or higher

## SECTION VI: HEALTH HAZARD DATA

Effects of Overexposure/Emergency and First Aid Procedures:

Eyes: Wear chemical type goggles. Avoid contact with eyes. Flush eyes immediately with water.

Skin: Protect skin from contact. Causes irritation. Wash off skin with water.

Inhalation: If dust causes irritation or distress, remove to fresh air.

Ingestion: If swallowed, do not induce vomiting, consult a physician immediately.

Respiratory Protection: No special requirements.

## SECTION VII: SPILL, LEAK, AND DISPOSAL PROCEDURES

Isolate hazard area and deny entry to unnecessary personnel. Sweep up, collect and then dispose of according to current applicable laws and regulations.

## SECTION VIII: SPECIAL PRECAUTIONS

Handling and Storage: Store in cool, dry area away from other incompatible materials.  
Other Precautions: Wash thoroughly after handling. If ingested, call a physician.

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