



MATERIAL SAFETY DATA SHEET

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SECTION I: GENERAL INFORMATION

Product Number: 0403

Product Name: **Powder Biomin[®] Iron (18% Fe)**

Product Class: Plant Miconutrients

Chemical Name and Synonyms: Iron 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: Light brown fine powder

pH (1 in 40): 3.0 to 5.0

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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