



MATERIAL SAFETY DATA SHEET

**New Zealand Distributor:
Roots Shoots & Fruits Ltd.**

PO Box 72, Waiheke Island, Auckland,
New Zealand. 1840
Phone: (09) 3729155 Fax: (09) 3729156
Email : rsf@rd2.co.nz Web: www.rd2.co.nz

Manufacturer:

JH BIOTECH, INC.
4951 Olivas Park Drive, Ventura, CA 93003
Phone: (805) 650-8933 Fax: (805) 650-8942

SECTION I: GENERAL INFORMATION

Product Number: 0405 Product Name: **Powder Biomin Manganese (18% Mn)**
Product Class: Plant Micronutrients
Chemical Name and Synonyms: Manganese 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: Not Applicable
Vapor Density: Not Applicable
Vapor Pressure (mm Hg): Not Applicable
Solubility In Water: Soluble
Bulk Density: 1.0g/cc
Appearance and Odor: Light Pink
pH (1 in 40): 3.0 to 5.0

SECTION IV: FIRE AND EXPLOSION DATA

Flash Point: Not Applicable
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.

Product name: Powder Biomin Manganese (18% Mn)

Contact point Monday to Friday 9.00am – 5.00pm:

Roots Shoots & Fruits Ltd. PO Box 72, Waiheke Island, Auckland, New Zealand. 1840

Phone: (09) 3729155 Fax: (09) 3729156 AH : (09) 3729150

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