



MATERIAL SAFETY DATA SHEET

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

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New Zealand. 1840
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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: 0316
Product Class: Plant Micronutrients
Chemical Name and Synonyms: Manganese glycinate
Precautions: Avoid contact with eyes, skin, and clothing

Product Name: **BIOMIN Z-1-M**

SECTION II: HAZARDOUS INGREDIENTS

Not Applicable

SECTION III: PHYSICAL/CHEMICAL DATA

Boiling Point: Not Applicable
% Volatile by Weight: Not Determined
Vapor Density: Not Determined
Vapor Pressure (mm Hg): Not Determined
Solubility In Water: Soluble
Specific Gravity (H₂O=1): Not Determined
Appearance and Odor: White powder

SECTION IV: FIRE AND EXPLOSION DATA

Flash Point: Not Applicable
Explosive Limits: Not Applicable
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: None
Incompatibility: High pH solutions

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 vapors or mist 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

Contain all spills and leaks to prevent discharge into the environment. If spilled, use appropriate absorbent material to absorb the spilled material and flush spilled area with water.

SECTION VIII: SPECIAL PRECAUTIONS

Handling and Storage: Avoid overheating or freezing.
Other Precautions: Wash thoroughly after Handling. If ingested, call a physician.

Product name: BIOMIN Z-I-M

Contact point Monday to Friday 9.00am – 5.00pm:

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

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