



MATERIAL SAFETY DATA SHEET

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SECTION I: GENERAL INFORMATION

Product Number: 0705 Product Name: **Nutrimin® Manganese 5% Mn**
Product Class: Plant Micronutrients
Chemical Name and Synonyms: Manganese gluconate
Precautions: None

SECTION II: HAZARDOUS INGREDIENTS

Not Applicable

SECTION III: PHYSICAL/CHEMICAL DATA

Boiling Point: 212°F
% Volatile by Weight: Not Determined
Vapor Density: Not Determined
Vapor Pressure (mm Hg): Not Determined
Solubility In Water: Soluble
Specific Gravity (H₂O=1): 1.27
Appearance and Odor: Blue color solution,
No offensive odor

SECTION IV: FIRE AND EXPLOSION DATA

Flash Point: N/A
Explosive Limits: N/A
Extinguishing Media: Not Flammable
Unusual Fire Explosion Hazards: None

SECTION V: REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: None
Incompatibility: High pH chemicals

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.

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