



MATERIAL SAFETY DATA SHEET

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SECTION I: GENERAL INFORMATION

Product Number: 1106 Product Name: **Manganese Proteinate**
Product Class: Feed Additive
Chemical Name and Synonyms: Manganese Proteinate, Amino Acids
Precautions: Avoid contact with eyes

SECTION II: HAZARDOUS INGREDIENTS

None

SECTION III: PHYSICAL/CHEMICAL DATA

Boiling Point: N/A
% Volatile by Weight: N/A
Vapor Density: N/A
Vapor Pressure (mm Hg): N/A
Solubility In Water: Partially Soluble
Specific Gravity (H₂O=1): Not Determined
Appearance and Odor: Fine, light brown powder

SECTION IV: FIRE AND EXPLOSION DATA

Flash Point: N/A
Explosive Limits: Not Determined
Extinguishing Media: Use extinguishing media appropriate for surrounding fire
Unusual Fire Explosion Hazards: Emits carbon and sulfur oxides under fire conditions

SECTION V: REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Will not occur in normal conditions
Incompatibility: Avoid exposure to moisture, heat and sunlight

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

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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