



## MATERIAL SAFETY DATA SHEET

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### SECTION I: GENERAL INFORMATION

Product Number: 1106 Product Name: **Buffermin Manganese Proteinate**  
Product Class: Feed Additive  
Chemical Name and Synonyms: Manganese Proteinate  
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 (H<sub>2</sub>O=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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