

# MATERIAL SAFETY DATA SHEET

## FOLI-GRO Super MN

### I. NAME

PRODUCT/TRADE NAME: FOLI-GRO SUPER MN  
EPA REGISTRATION #: NONE  
CHEMICAL NAME/Common Name:  
Ammonium Sulfate/Ammonium Sulfate  
Manganese Chelate/Manganese EDTA

### II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Ammonium Sulfate	7783-20-2	NE	NE
Manganese EDTA	68186-83-4	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

### III. PHYSICAL DATA

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.17  
MELTING POINT: NA  
VAPOR DENSITY (AIR = 1): NA  
% VOLATILES BY VOL.: NA  
ODOR: Odorless  
APPEARANCE: Brown Liquid  
FLASH POINT/METHOD: NA  
VAPOR PRESSURE (mmHg): NA  
SOLUBILITY IN H<sub>2</sub>O: Miscible

### IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  Water Fog  Foam  Alcohol Foam  
 CO<sub>2</sub>  Dry Chemical  Other  
FIRE FIGHTING PRECAUTIONS & HAZARDS:  
Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing smoke or mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

### V. CARCINOGEN STATUS

OSHA  NTP  IARC  No Listing Type

### VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION  
 Unstable  May Occur  Will Not Occur  
AVOID: Strong oxidizers  
HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>x</sub>, SO<sub>x</sub>, NO<sub>x</sub>

### VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate personal protective equipment. Absorb with inert material and vacuum or sweep into an approved disposal container.  
DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material. Place in disposal container and repeat as necessary until area is clean.  
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.  
DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

### VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking.  
INHALATION: No PEL/TLV established for this product. Do not breathe spray mist. Wear appropriate respiratory protection for exposures encountered.  
SKIN ABSORPTION: Avoid contact with skin. May cause skin irritation. Wear proper personal protective equipment to reduce skin exposure.  
EYE EXPOSURE: Keep out of eyes. May cause eye irritation. Wear proper eye protection. If exposed, flush eyes for a minimum of 15 minutes with water.  
EFFECTS OF OVEREXPOSURE: Can cause skin and eye irritation. Overexposure can irritate mucous membranes, cause eye irritation, conjunctivitis, vomiting and diarrhea, accompanied by a fever and cough. Chronic exposure may result in dermatitis and conjunctivitis. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, flush eyes with water for a minimum of 15 minutes. If inhaled, remove victim to fresh air, and administer CPR if necessary.

### IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Recommend use of NIOSH/MSHA-approved respirator for organic vapors for the exposure encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.  
PERSONAL PROTECTIVE EQUIPMENT: Neoprene or nitrile gloves, long-sleeved coveralls and chemical goggles.  
VENTILATION: General ventilation sufficient for intended use.

### X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

### XI. REGULATORY DATA

SARA HAZARD CLASS:  Acute  Chronic  Flammable  
 Pressure  Reactive  None  
SARA 313:  Yes  No Chemical: Manganese Compounds  
SARA 302:  Yes  No Chemical:  
TPQ:  
CERCLA:  Yes  No Chemical:  
RQ:  
RCRA:  Yes  No

NFPA HAZARD RATING: NFPA HAZARD RATING SCALE:  
Health: [1] 0 = Minimal 3 = Serious  
Fire: [1] 1 = Slight 4 = Severe  
Reactivity: [0] 2 = Moderate  
Special: [ ]  
HMIS CODES: HMIS HAZARD RATING SCALE:  
Health: [1] 0 = Minimal 3 = Serious  
Fire: [1] 1 = Slight 4 = Severe  
Reactivity: [0] 2 = Moderate

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\*Technical Material NE - Not Established NA - Not Applicable

**24 Hour Emergency Phone Number**  
**CHEMTREC: (800) 424-9300**



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