

# MATERIAL SAFETY DATA SHEET



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ANALYSIS:

**MICRO NUTRIENTS**

DATE:

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## SECTION I. MATERIAL IDENTIFICATION

**Product Name:** MICRO NUTRIENTS

**Description:** Water Dispensable Trace Minerals (Product derived from: Manganese, Copper, Iron Sulfates, Zinc Oxysulfate, Sodium Borate and Sodium Molybdate).

## SECTION II. INGREDIENTS AND HAZARDS

MATERIAL OR COMPONENT		HAZARD DATA
Sulfur (S)	9.0%	Non-corrosive
Zinc (Zn)	7.83%	Non-corrosive
Magnesium (Mg)	3.65%	Non-corrosive
Manganese (Mn)	3.65%	Non-corrosive
Iron (Fe)	2.5%	Non-corrosive
Copper (Cu)	1.25%	Non-corrosive
Boron (B)	0.78%	Non-corrosive
Molybdenum (Mo)	0.0395%	Non-corrosive

## SECTION III. PHYSICAL DATA

<b>Boiling Point 760 MM HG:</b> N/A	<b>Appearance &amp; Color:</b> Light green crystalline powder
<b>Vapor pressure (mm Hg):</b> N/A	<b>Evaporation Rate (Butyl Acetate = 1):</b> N/A
<b>Vapor density (Air = 1):</b> N/A	<b>% Volatiles by volume:</b> N/A
<b>Water solubility:</b> 100% at 20c	<b>Melting Point:</b> N/A

## SECTION IV. FIRE AND EXPLOSION DATA

<b>Flash Point:</b> N/A	<b>Special fire fighting procedures:</b> None
<b>Flammability in Air:</b> N/A	<b>Unusual fire and explosion hazards:</b> None
<b>Extinguishing media:</b> Water	

## SECTION V. HEALTH HAZARD INFORMATION

**Effects of overexposure:** Prolonged exposure could irritate lungs.

**FIRST AID: Ingestion:** Immediately get medical attention **Inhalation:** Generally not considered a hazard. Provide fresh air. **Skin Contact:** Wash thoroughly with water for 15 minutes. If irritation persists, get medical attention (should only affect if allergic). **Eye Contact:** Flush immediately with water for 15 minutes. If irritation persists, consult Physician.

## SPECIAL PROCEDURES / PRECAUTIONS

**Respiratory Protection:** Use NIOSH approved respiratory equipment. **Ventilation:** Provide general and/or local exhaust ventilation. **Eye Protection:** Wear goggles with safety shields. **Skin Protection:** Wear coveralls, long-sleeved shirt and rubber gloves. Keep out of sores or wounds. **Spill or Leak Procedures:** Clean up spill with soapy water. No special restrictions on disposal of wash water. Prevent spills from reaching water way or vegetation. Use good industrial hygiene practices. Store in cool, dry area. This material is not considered a hazardous material under RCRA and may be disposed of in landfills or sanitary sewers.