

MATERIAL SAFETY DATA SHEET

Agroplasma S.L./Calle Fedra 10/29006 Malaga/SPAIN

Fax: 0034-952-381753 Tel: 0034-630-378940

CHEMTREC: 1-800-424-9300

Effective Date: 1/01/08

Product: **Ferticell Microelements 1-0-0**

1. IDENTIFICATION

Chemical Name: Liquid Micronutrient Mix
Chemical Family: Inorganic Metal Salts
Formula: N/A, Formulated Mixture
Synonyms: None
CAS Number: See Ingredients

2. PHYSICAL DATA

Boiling Point: 212 degrees F.
Vapor Pressure: Not Determined
Vapor Density: Not Determined
Specific Gravity: 1.2
pH: 3.97
Melting Point: N/A
Water Solubility: 100%
Appearance: Brown Liquid

3. INGREDIENTS

Material	CAS Number	Percent	Hazard
Proprietary blend of Soybean meal, magnesium sulfate, sodium borate, copper sulfate, iron oxide, manganese sulfate and zinc oxide. Micronutrients complexed with amino acids.		100%	Skin & Eye Irritant

4. FIRE AND EXPLOSION HAZARD

Flash Point:	Non-combustible
Autoignition Temperature:	Non-combustible
Flammable Limit:	N/A
Extinguishing Media:	Non-combustible liquid, use extinguishing media for underlying cause of fire.
Special Fire Fighting Procedures:	Use positive pressure self-contained breathing apparatus with full protective clothing. Use water spray to keep fire exposed containers cool.
Fire and Explosion Hazard:	Product may produce toxic fumes under fire conditions.

5. HEALTH HAZARD DATA

Carcinogen Information: None currently known

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing:	Ingestion may cause abdominal cramps and vomiting.
Skin Absorption:	None currently known.
Inhalation:	Nose and throat irritation.
Skin Contact:	Skin irritation
Eye Contact:	Eye irritation
Chronic Effects:	None currently known.
Other Hazard:	None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing:	Drink large quantities of water and induce vomiting. Seek medical advice.
Skin:	Wash exposed area with soap and water. Get medical advice if irritation develops.
Inhalation:	Move to fresh air. Get medical attention for any breathing difficulty.
Eyes:	Wash thoroughly with running water. Get medical advice if irritation develops.
Note to Physician:	In the event of an adverse response, treatment should be directed toward control of the symptoms.

6. REACTIVITY

Stability: Stable.
Conditions to Avoid: None currently known.
Polymerization: Will not occur.
Conditions to Avoid: None currently known.
Incompatibility Material: May react with alkaline materials.
Hazardous Combustion: None

7. SPILL OR LEAK PROCEDURES

Spill or Leak Procedures: Absorb material with an absorbent such as clay or sand and place in suitable container for proper disposal.
Waste Disposal Method: This material must be disposed of according to federal, state, or local procedures under the Resource Conservation and Recovery Act.

8. SPECIAL PROTECTION INFORMATION

Respiration: None normally required.
Ventilation: Local exhaust sufficient.
Gloves: Impervious.
Eyes: Splash proof goggles.
Other: None.

9. SPECIAL PRECAUTIONS

Special Precaution: Keep out of reach of children. Do not store with food, feed, or other material to be used or consumed by humans or animals.
Other Precaution: None

10. SHIPPING INFORMATION

Shipping Name: N/A
Hazard Class: None.
Identification Number: None.
Labels Required: None.
Placarding: None.
Freight Class: Compound, manufactured liquid fertilizer