

# NUTRI-JECT® IRON MANGANESE ZINC

## MATERIAL SAFETY DATA SHEET

IDENTITY (As Used on label and List): Nutri-Ject® Iron Manganese Zinc dilute liquid fertilizer

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### Section 1

Manufacturer's Name: Florida Silvics, Inc  
(dba Tree Tech® Microinjection Systems)  
Emergency Telephone number: 1-800-622-2831  
Address: 950 SE 215<sup>th</sup> Ave  
Morriston, FL 32668  
Date Prepared: February 18, 1999

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### Section II – Hazardous Ingredients / Identity Information

Specify Chemical Identity; Common Name: Dilute liquid fertilizer

Total Nitrogen (N)	0.83%
Available Phosphate as P <sub>2</sub> O <sub>5</sub>	0.85%
Soluble Potash (K <sub>2</sub> O)	0.75%
Calcium (Ca)	0.10%
Magnesium (Mg)	0.11%
Copper (Cu)	0.11%
Iron (Fe)	1.53%
Manganese (Mn)	1.25%
Zinc (Zn)	1.08%

OSHA PEL: n/a

ACGIH TLV: n/a

Other Limits: n/a

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**Section III - Physical/Chemical Characteristics**

Boiling Point: 100° C  
Vapor Pressure (mm Hg): Same as H<sub>2</sub>O  
Vapor Density (Air 1): Same as H<sub>2</sub>O  
Melting Point: n/a  
Evaporation rate (Butyl acetate 1); Same as H<sub>2</sub>O  
Solubility in water: Infinite  
Appearance and Odor. Greenish-brown liquid with no characteristic odor

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**Section IV - Fire and Explosion Hazard Data**

Flash Point: None  
Flammable Limits: n/a  
Extinguishing Media: n/a  
Special Fire Fighting Procedures: n/a

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**Section V - Reactivity Data**

Stability: Stable  
Conditions to Avoid: None  
Incompatibility (Materials to Avoid): None  
Hazardous Polymerization: Will not occur

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**Section VI - Health Hazard Data**

Health Hazards (Acute and Chronic):  
If swallowed wash mouth out with water; drink water  
Carcinogenicity: None  
NTP: n/a  
IARC Monographs: n/a  
OSHA Regulated: No

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**Section VI - Health Hazard Data (cont'd)**

Signs and Symptoms of Exposure: None

Medical Conditions Generally Aggravated by Exposure: n/a

Emergency and First Aid Procedures: None

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**Section VII- Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: Wash away into soil or water drain

Waste Disposal Method: n/a

Precautions to be Taken in Handling and Storing: n/a

Other Precautions: None

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**Section VIII- Control measures**

Respiratory Protection: None required

Ventilation: n/a

Protective Gloves: n/a

Other Protective Equipment: n/a

Work/Hygienic Practices: n/a