



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity:	Inject-A-Min® Manganese
Synonym:	None
Product Use:	Plant fertilizer for tree injection only
Product Type:	Liquid
Company Name:	J. J. MAUGET COMPANY
Company Address:	5435 PECK ROAD ARCADIA, CA 91006-5847
Tel:	626-444-1057
Fax:	626-444-7414
Emergency Contact:	INFOTRAC 1-800-535-5053 911

2. HAZARDS IDENTIFICATION

None Hazardous

HMIS Rating: Health = 1 Flammability = 0 Reactivity = 0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Wt.%
Solute *1	8.36
Water	91.64
	100.00

* Derived from Ammonium, Potassium, Iron, Zinc, Magnesium and Manganese Sulfates and Zinc and Cupric Nitrates.

*1Component	Wt.%
Total Nitrogen (N)	1.00
0.25 Wt.% Ammoniacal Nitrogen	
0.75 Wt.% Nitrate Nitrogen	
Soluble Potash (K ₂ O)	1.00
Sulfur	1.90
Copper (Cu)	0.13
Iron (Fe)	1.67
Manganese (Mn)	1.00
Magnesium (Mg)	0.12
Zinc (Zn)	1.54

4. FIRST AID MEASURES

SKIN:	N.A.
EYES:	Wash with water for at least 10 minutes. Seek medical attention if any irritation persists.
INGESTION:	Wash mouth out with water. Drink additional water.
INHALATION:	N.A.

5. FIRE FIGHTING MEASURES

N.A.

6. ACCIDENTAL RELEASE MEASURES

Wash into soil or into drain.



7. HANDLING AND STORAGE

Store micro-injectors in a cool, dry place. Do not expose micro-injectors to temperatures below 320 F (00 C).
Protect micro-injectors from excessive heat.
Keep out of the reach of children.
Do not re-use containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection

Eye protection: Eye protection is not required. To avoid contact with eyes, use safety eye goggles.
Skin protection: Wear protective clothing as necessary to minimize contact. Use chemical resistant gloves.
Respiratory protection: Not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties	Green liquid
Appearance	
Odor	Slight odor
pH	Not available
Melting point/freezing point	Not available
Boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Explosive limits	Not available
Vapor pressure	Same as water
Vapor density	Not available
Relative density	1.056 g/cc
Solubility	Soluble
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Non explosive
Oxidizing properties	Not available

10. STABILITY AND REACTIVITY

Stability (Normal Conditions):	Stable
Incompatibility (Materials to Avoid):	None known
Hazardous Decomposition Products:	Not determined
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None known

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Not available
Irritation: Not available
Corrosivity: Not available
Sensitization: Not available
Dose toxicity: Not available
Carcinogenicity: Not available
Mutagenicity: Not available
Reproductive toxicity: Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity
Not available

Persistence and degradability
Not available

Bioaccumulative potential
Not available

Mobility in soil
Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Not hazardous waste. Dispose of product in accordance with regulations.

14. TRANSPORT INFORMATION

UN number: Not available
UN proper shipping name: Not available
Transport hazard class(es): Not available
Packing group: Not available
Environmental hazards: Not available
Special precautions for user: Not available

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the product
Not available

16. OTHER INFORMATION

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