

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: *Manganese Plus*
Recommended Use: Liquid Fertilizer
Manufacturer:
 DeltAg Formulations
 PO Box 4812
 Greenville, MS 38704
 Phone: 1-877-594-1500

2. HAZARDS IDENTIFICATIONS

Signal Word: Warning
Hazard Statements:



- Harmful if swallowed
- Causes skin and eye irritation
- May irritate digestive tract if ingested in large quantity
- Keep out of reach of children!

Precautionary Statements:

- Avoid contact with metal surfaces for long periods of time
- Keep out of reach of children!
- Wash equipment thoroughly after contact
- Wash hands thoroughly after contact

Hazards not otherwise classified (HNO): NONE

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Manganese Sulfate	10034-96-5	32.000%

*Ingredients not specifically listed are non-hazardous and are considered to be confidential business information under 29 CFR 1910.1200(i)

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with large amounts of water
Skin Contact: Wash contaminated area thoroughly with soap and water
Ingestion: Give 2-4 glasses of water. Induce vomiting. Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: N/A
Specific hazards arising from the chemical: N/A
Explosion data: N/A

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and standard protective gear.

6. ACCIDENTAL RELEASE MEASURES

In case of Spill, Leaks, or material being released: Clean up with water

7. HANDLING AND STORAGE

Keep out of reach of children!
 Avoid contact with metal surfaces for prolonged periods of time.
 Wash equipment thoroughly after contact.

Wash hands thoroughly after contact.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Safety Glasses

Other Protective Equipment: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Freeze Point (F): undetermined

Specific Gravity: 1.331

Vapor Pressure (mmHg): No Data

Product pH: 2.6

Solubility in Water: Complete

Melting Point: N/A

Appearance and Odor: Light Reddish Color & Odorless

10. STABILITY AND REACTIVITY

Stability: Stable

Condition to Avoid: Due to moderate pH levels some reactions with alkaline metals may occur after long periods of time.

Incompatibility (materials to avoid): N/A

11. TOXICOLOGICAL INFORMATION

No Data Available

12. ECOLOGICAL INFORMATION

No Data Available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Follow All Federal, State, and Local Regulations.

14. TRANSPORT INFORMATION

This Material is Non-Hazardous and requires no Placard.

15. REGULATORY INFORMATION

Not Applicable

16. OTHER INFORMATION

Last Revision: 11/12/2015

Disclaimer

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