SAFETY DATA SHEET

Big Bend Agri-Services, Inc.

Version 1.0
Print Date 06/11/24

1. Identification

Product Name:	Micramin Magnesium
Synonyms:	None
Product Use:	Inorganic Fertilizer
Manufacturer/Supplier:	Big Bend Agri-Services, Inc.
Address:	328 1st Ave NE Cairo, GA 39828
Phone:	800.321.7709
Emergency contact:	ChemTel 800.255.3924

2. Hazard Identification

Signal Word:	Danger
Skin Irritation:	Prolonged or repeated contact will irritate.
Eye Irritation:	Contact with liquid will irritate eyes.
Acute Toxicity Oral:	Not tested. Components are not considered to be acutely toxic.
Acute Toxicity Dermal:	No data available
Hazard Categories:	Oral/Dermal/Inhalation Toxicity 4/4/4
	Eye irritation – 1
	Skin irritation - 2
	Oxidizing liquid - 3
Hazard Statement:	Harmful if swallowed.
	May be corrosive to metals.
	Causes severe eye damage.
	Causes severe skin burns.
	Harmful if inhaled.
	May intensify fire. Oxidizer.
	May cause damage to organs though prolonged or repeated exposure.
	Marine pollutant. Dangerous to marine life in high concentrations.

3. Composition / Information on Ingredients

Component: Blend of plant nutrients derived from Magnesium Nitrate.

GUARANTEED ANALYSIS:
Nitrogen (N):6.00%

6.00% Nitrate Nitrogen (N)
Magnesium (Mg):5.50%
5.50% Water Soluble Magnesium (Mg)

CAS Number: Proprietary
Weight %: 100.00

4. First Aid Measures

Eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation continues.

Inhalation: Move to fresh air. Obtain medical attention if irritation develops.

Ingestion: Drink large volumes of water. Call a physician or poison control center.

Indication of Immediate Medical Attention and Special Treatment Needed: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

Extinguishing Media: Use water. Do not use dry chemicals or foam. CO_2 or halon may provide limited control.

Specific Hazards Arising from the Chemical: Product may release ammonia, carbon, metal oxides, nitrogen under fire conditions.

Special Fire Fight Proc: Wear positive-pressure self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.

6. Accidental Release Measures

Personal Precautions: Avoid contact with skin and eyes. Keep unnecessary personnel out of area.

Protective Equipment: NIOSH-approved respirator for ammonia gas if mist or spray is present, impervious gloves, splash-proof goggles, impervious apron and footwear. Safety shower and eyewash should be available.

Emergency Procedures: Do not contaminate water supplies, lakes, streams, ponds or drains with spilled product.

Methods and Materials for Containment and Cleanup: Contain spill. If uncontaminated, collect and reuse product. If contaminated, absorb on sand or clay and place in a recovery drum for proper disposal.

7. Handling and Storage

Precautions for Safe Handling: Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash water or spray waste. Avoid containers, piping or fittings made of copper-containing alloys or galvanized metals.

Conditions for Safe Storage: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Use within 6 months of purchase date. Store unblended in original containers.

8. Exposure Controls / Personal Protection

TLV/PEL: Not established

Appropriate Engineering Controls: Local exhaust should be sufficient.

Personal Protective Equipment: NIOSH-approved respirator for ammonia gas if mist or spray is present, impervious gloves, splash-proof goggles, impervious apron and footwear. Safety shower and eyewash should be available.

9. Physical and Chemical Properties

Odor/Appearance: Slightly pink liquid with slight acid odor.

Flash Point, ^{0}F: Not flammable

Boiling Point, ^{0}F: Not applicable

Melting Point (Freezing point), ^{0}C: <32 Degrees F

Vapor Pressure, mm Hg @ 20^{0} C: Not applicable

Vapor Density: Not applicable

Solubility in Water: Soluble

Molecular Formula: Not applicable, formulated mixture.

Specific Gravity: 1.15-1.25

pH: 2.00-4.00

Flammable Limits (approximate volume % in air): Not applicable

Auto-ignition Temperature: Not applicable

Decomposition temperature: No information found

10. Stability and Reactivity

Reactivity: May act as an oxidizer.

Chemical Stability: Stable

Hazardous Decomposition Products: Product may release toxic fumes and nitrogen oxides under fire conditions.

Hazardous Polymerization: Will not occur

Conditions to Avoid: Avoid high temperatures above 105 Degrees F., or greater acid contamination.

Incompatible Materials: Organic or other oxidizable materials, copper and brass, liquid phosphates.

11. Toxicological Information

Acute Toxicity (Oral LD50): Will cause upset stomach.

Acute Toxicity (Dermal LD50): Severe skin irritant.

Acute Toxicity Inhalation LC50: Inhalation of gases or mist will irritate respiratory tract, mucus membranes, etc.

Likely Routes of Exposure: Skin, eyes, inhalation

Skin Irritation: Prolonged or repeated contact will irritate.

Eye Irritation: Liquid contact may irritate slightly. If mist is formed, it may also irritate slightly.

Skin Sensitization: No information found

Carcinogenic: Not listed by IARC, NTP or OSHA.

Chronic Effects: None currently known.

Other Hazards: None currently known.

Long Term Effects: Prolonged exposure to manganese compounds may cause manganese poisoning.

12. Ecological Information

Eco-toxicity: No information found

Persistence and Degradability: No information found

Bio-accumulative Potential: No information found

Mobility in Soil: No information found

Other Adverse Effects: Marine pollutant. Dangerous to marine life in high concentrations.

13. Disposal Considerations

Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act. Product may be recovered and applied to the soil as a fertilizer source on crop land by using professional best management practices.

14. Transport Information

UN Proper Shipping Name: Corrosive Liquid, Oxidizing N.O.S.

Transport Hazard Class: 8

UN Identification Number: UN 3093

Packaging Group: PG II

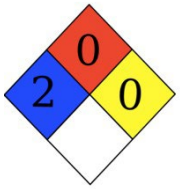
Environmental Hazards: No information found

Transport in Bulk: No information found

Special Precautions for Transportation: PLACARDS: Corrosive, Oxidizer

Freight Classification: Fertilizing Compound, (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70)

15. Regulatory Information



National Fire Protection Association Rating:
Health: 2 Fire: 0 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

S.A.R.A Title III Hazard Classification (Yes/No): N

Immediate (Acute) Health: Y

Delayed (Chronic) Health: Y

Sudden Release of Pressure: N

Fire: N

Reactive: N

16. Other Information

Date of Preparation/Revision: June 11,2024

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End of SDS