

Medina Agriculture Products Co., Inc.
PO Box 309
Hondo, TX 78861

Section 1. Product and Company Identification

Product Name: Medina Micronutrients
Product Use: micronutrient soil amendment
Manufacturer's Name: Medina Agriculture Products Co., Inc.
Manufacturer's Address: PO Box 309
Hondo, TX 78861
Emergency Telephone Number: 830-426-3011
Telephone Number for Information: 830-426-3011
Website: www.medinaag.com

Section 2. Hazards Identification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Emergency Overview: Caution
Product Description: blend of clays plus micro elements, brownish/red colored pellet
Potential Health Effects: There are no known chronic health effects from exposure to this product
Inhalation: Most significant route of exposure in occupational settings
Ingestion: Drink warm water and induce vomiting
Skin Contact: Wash affected area with soap and water
Eye Contact: Flush eye with clear water for at least 15 minutes; get medical attention if irritation persists
Aggravation of Pre-existing Conditions: Pre-existing skin or respiratory conditions may be further aggravated
Emergency Consideration: Emergency responders must wear proper personal protective equipment and have appropriate fire-suppression equipment suitable to which they are responding

Section 3. Composition/Information on Ingredients

Identity: Common Name	OSHA PEL	ACGIH TVL	Other Limits Recommended
Micronutrients	N/A	N/A	N/A

Section 4. First Aid Measures

Inhalation: Remove to fresh air and support respiration
Ingestion: Drink warm water and induce vomiting
Skin Contact: Wash thoroughly with soap and water
Eye Contact: Flush eyes with large amounts of water for at least 15 minutes

IF SYMPTOMS PERSIST SEEK MEDICAL ATTENTION

Section 5. Fire-Fighting Measures

Flash Point: N/A
Flammable Limits: N/A
LEL: not determined
UEL: not determined
Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.
Unusual Fire and Explosion Hazards: Burning product will produce smoke which will irritate eyes, nose, throat and lungs. Limit access to surrounding area. Do not allow dust to accumulate and minimize ignition sources. If heated to decomposition, will give off ammonia fumes.
Special Fire-Fighting Procedures: Wear self-contained breathing apparatus operated in positive pressure mode.

Section 6. Accidental Release Measures

Spill and Leak Response: If product is uncontaminated, transfer to container and reuse. Avoid actions that produce airborne dust. Avoid inhalation of dust. Do not wash product down sewers or drainage systems, alert authorities if sewers and/or drainage systems are contaminated.

Section 7. Handling and Storage

Storage Temperature (Min/Max): Ambient
Shelf Life: N/A
Handling and Storage Precautions: Keep away from heat, sparks and flames. No smoking, no open flames or other sources of ignition in the storage facility. Good housekeeping and general dust control should be followed.

Section 8. Exposure Controls/Personal Protection

Ventilation and Engineering Measures: Use adequate ventilation to eliminate or reduce exposure. Use local exhaust ventilation to keep dust under control.
Personal Protection: Where airborne dust is expected, use respiratory protection in accordance with OSHA Respiratory Protection Standard (29 CFR 1910.134).
Exposure Limits: Treated as a "nuisance dust"
OSHA PEL's: 15mg/m³ total dust and 10 mg/m³ inhalable dust

Section 9. Physical and Chemical Properties

Boiling Point: N/A
Melting Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Solubility in Water: Moderate
Density: 40-50 lbs. /cu. ft.

Evaporation Rate: N/A
Appearance, Odor and Color: brownish/red colored pellet, iron odor

Section 10. Stability and Reactivity

Stability: Stable
Hazardous Decomposition: If heated to decomposition, will emit ammonia fumes
Hazardous Reactions: N/A
Incompatible Materials and Conditions: material will react with metal when wet causing metal fatigue and rust at accelerated rates

Section 11. Toxicological Information

Toxicity Data: No data available

Section 12. Ecological Information

Avoid runoff and spillage. This product can create excessive nitrate levels in both soil and water.

Section 13. Disposal Considerations

Disposal must be in accordance with Federal, State, and Local regulation

Section 14. Transport Information

Not regulated

Section 15. Regulatory Information

General fertilizer rules and regulations must be followed according to State and Local government

Section 16. Other Information

Prepared by: Medina Agriculture Products Co., Inc.
Effective Date: 09/01/2023