**Medina Agriculture Products Co., Inc.**

**PO Box 309**

**Hondo, TX 78861**

**Section 1. Product and Company Identification**

**Product Name**: Turf & Soil Solutions Micro Elements

**Product Use**: A blend of chelated micro elements for correcting deficiencies in turf grass

**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**](http://www.medinaag.com)

**Section 2. Hazards Identification**

**Emergency Overview**: This product contains no compounds that are hazardous in nature

**Product Description**: A blend of chelated micro elements for correcting deficiencies

**Potential Health Effects**: There are no know chronic health effects from exposure to this product

**Inhalation**: Most significant rout 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** |
| Nitrogen 2%  Phosphorus (p205) 20% | **N/A** | **N/A** | **N/A** |

**Section 4. First Aid Measures**

**Inhalation**: Irritant. May irritate or burn nose, throat and lungs, and cause weakness, fever, chills and vomiting. Remove to fresh air and support respiration

**Ingestion**: Irritant. May irritate or burn mouth, esophagus or stomach. Ingestion may result in nausea, vomiting, diarrhea, abdominal pain, weakness, hyperglycemia, kidney damage and shock. Ingestion by an adult of more than 150 ml (5 oz) may be fatal. f ingested, drink large quantities of water or milk. Follow with milk of magnesia, beaten eggs or vegetable oil. Do not induce vomiting. Contact a physician immediately.

**Skin Contact**: Mau cause irritation. Wash thoroughly with soap and water

**Eye Contact**: Irritant. Mau cause irritation and damage. Flush eyes with large amounts of water for at least 15 minutes. Get 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**: N/A

**Special Fire-Fighting Procedures**: Wear rubber gloves and goggles.

**Section 6. Accidental Release Measures**

**Spill and Leak Response**: If product is uncontaminated, transfer to container and reuse.

**Section 7. Handling and Storage**

**Storage Temperature (Min/Max):** Ambient

**Shelf Life**: N/A

**Handling and Storage Precautions**: N/A

**Section 8. Exposure Controls/Personal Protection**

**Ventilation and Engineering Measures**: N/A

**Personal Protection**: N/A

**Exposure Limits:** N/A

**OSHA PEL’s**: N/A

**Section 9. Physical and Chemical Properties**

**Boiling Point**: 221˚F

**Melting Point**: N/A

**Vapor Pressure:** 17mm Hg

**Vapor Density**: N/A

**Solubility in Water**: 100%

**Specific Gravity:** 1.1765

**pH 2.0 to3.0**

**Evaporation Rate**: N/A

**Appearance, Odor and Color**: Brown colored viscous liquid with pleasant odor

**Section 10. Stability and Reactivity**

**Stability:** Stable

**Hazardous Decomposition**: Oxides of sulfur and zinc

**Hazardous Reactions**: N/A

**Incompatible Materials and Conditions**: Avoid contact with strong alkaline materials such as caustic potash and caustic soda. Mildly corrosive to common metals.

**Section 11. Toxicological Information**

**Toxicity Data**: No data available

**Section 12. Ecological Information**

Avoid runoff and spillage.

**Section 13. Disposal Considerations**

If spilled, contain, mop or vacuum. Pour into sewer system as shown on label.

**Section 14. Transport Information**

Not regulated

**Section 15. Regulatory Information**

Not Regulated

**Section 16. Other Information**

**Prepared by**: Medina Agriculture Products Co., Inc.

**Effective Date**: 1/15/16

**Supersedes**: