



Safety Data Sheet

Report Date 14-Oct-19

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1. Identification

Product Name : TRACITE MICRO BAND
Synonyms : None
Product Use : Micronutrient Blend for Straight Band Application
Manufacturer/Supplier : Helena Agri-Enterprises, LLC
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification



Signal Word : Warning
Skin Irritation : Causes skin irritation
Eye Irritation : Causes serious eye irritation
Acute Toxicity Oral : LD50 >2,000 mg/kg (rat)
Acute Toxicity Dermal : LD50 >2,000 mg/kg (rabbit)

Hazard Categories : Oral/Dermal/Inhalation Toxicity-5/5/5; Eye/Skin Irritation-2A/2

Hazard Statement : May be harmful if swallowed
May be harmful in contact with skin
Causes serious eye irritation
Causes skin irritation
May be harmful if inhaled

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of micronutrients with fillers, derived from elemental sulfur, cupric oxide, iron oxide, manganous oxide and zinc oxide.	Proprietary	100.00
GUARANTEED ANALYSIS:		
Sulfur (S):		75.00%
75% Free Sulfur		
Copper (Cu):		1.5%
Iron (Fe):		1.8%
Manganese (Mn):		1.5%
Zinc (Zn):		5.5%

4. First Aid Measures

Eye : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Ingestion : Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting. Do not give anything by mouth if unconscious.



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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.

5. Fire Fighting Measures

Extinguishing Media : Use water fog, water spray, carbon dioxide or dry chemical extinguishing media.
Specific Hazards Arising from the Chemical : May produce sulfur dioxide under fire conditions.
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions : Keep unprotected and unnecessary personnel out of spill area.
Protective Equipment : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
Emergency Procedures : Do not contaminate water supplies, lakes, streams, ponds, drains or sewers with spilled product. Minimize dust generation during cleanup.
Methods and Materials for Containment and Cleanup : Sweep or shovel up spilled material. If uncontaminated, reuse as intended. If contaminated, place in chemical waste containers for proper disposal.

7. Handling and Storage

Precautions for Safe Handling : Keep locked up and out of reach of children. Do not contaminate water, food or feed by storage, handling or disposal. Keep container tightly closed. Do not allow water to be introduced into the contents of the container.
Conditions for Safe Storage : Store in original container only. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate.

8. Exposure Controls / Personal Protection

TLV/PEL : No TLV or PEL identified for mixture.
Appropriate Engineering Controls : General and/or local exhaust should be sufficient.
Personal Protective Equipment : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

Odor/Appearance : Light brown to black solid pastille, sulfur odor.
Flash Point, °F : Not determined
Boiling Point, °F : Not applicable
Melting Point(Freezing point), °C : Not applicable
Vapor Pressure, mm Hg @ 20 °C : Not applicable
Vapor Density : Not applicable
Solubility in Water : Insoluble
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 5.0-6.0 (estimated)
Evaporation Rate(Butyl Acetate = 1) : Not applicable



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Octanol/Water Partition Coefficient : No information found
pH : Not applicable, non-aqueous
Flammable Limits (approximate volume % in air) : Not determined
Auto-ignition Temperature : Not applicable
Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition : May produce sulfur dioxide under fire conditions.
Products
Hazardous Polymerization : Will not occur
Conditions to Avoid : None currently known
Incompatible Materials : None currently known.

11. Toxicological Information

Acute Toxicity (Oral LD50) : >2,000 mg/kg (rat). May be harmful if swallowed.
Acute Toxicity (Dermal LD50) : >2,000 mg/kg (rabbit). May be harmful in contact with skin.
Acute Toxicity Inhalation LC50 : >9.23 mg/L/4 hour (rat). May be harmful if inhaled.
Likely Routes of Exposure : Eyes, skin, inhalation
Skin Irritation : Causes skin irritation.
Eye Irritation : Causes serious eye irritation.
Skin Sensitization : Not as skin sensitizer.
Carcinogenic : Not listed by IARC, NTP or OSHA.
Chronic Effects : None currently known.
Other Hazards : None currently known.

12. Ecological Information

Ecotoxicity : No information found
Persistence and Degradability : No information found
Bioaccumulative Potential : No information found
Mobility in Soil : No information found
Other Adverse Effects : No information found

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.

14. Transport Information

UN Proper Shipping Name : Not regulated by DOT.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found



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Transport in Bulk : No information found
Special Precautions for Transportation : No information found
Freight Classification : Fertilizing Compound, (Manufactured Fertilizer), Solid, NOIBN (NMFC Item 68140, Sub 5, Class 50)

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)

Immediate(Acute) Health: Y
Delayed (Chronic) Health: N
Sudden Release of N
Pressure:
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 14-October-2019