



Safety Data Sheet

Report Date 05-May-17

Page 1 of 4

1. Identification

Product Name : TRACITE 8-30-2
Synonyms : None
Product Use : Liquid Fertilizer
Manufacturer/Supplier : Helena Chemical Company
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 : May be harmful if swallowed
Acute Toxicity Dermal : May be harmful in contact with skin

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 plant nutrients derived from ammonium polyphosphates and potassium phosphate.	Proprietary	100.00
GUARANTEED ANALYSIS:		
Total Nitrogen (N): 8.00%		
Available Phosphate (P2O5): 30.00%		
Soluble Potash (K2O): 2.00%		
Boron (B): 0.02%		
Cobalt (Co): 0.0005%		
Copper (Cu): 0.05%		
Iron (Fe): 0.10%		
Manganese (Mn): 0.05%		
Molybdenum (Mo): 0.0005%		
Zinc (Zn): 0.05%		

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.



Safety Data Sheet

Report Date 05-May-17

Page 2 of 4

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.

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 extinguishing media suitable for underlying cause of fire.

Specific Hazards Arising from the Chemical : Product generates toxic and irritating fumes 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. Use NIOSH-approved respirator suitable for ammonia gas. Eyewash and emergency shower should be available in work area.

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

Methods and Materials for Containment and Cleanup : If uncontaminated, recover liquid and reuse. If contaminated, cover with inert absorbent, scoop up and place in suitable plastic containers for proper disposal.

7. Handling and Storage

Precautions for Safe Handling : Keep out of reach of children. Do not contaminate water, food or feed by storage, handling or disposal. Do not allow water to be introduced into the contents of the container.

Conditions for Safe Storage : Store in original container only. Keep container tightly closed.

8. Exposure Controls / Personal Protection

TLV/PEL : No TLV or PEL established for mixture.

Appropriate Engineering Controls : Local exhaust sufficient.

Personal Protective Equipment : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Use NIOSH-approved respirator suitable for ammonia gas. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

Odor/Appearance : Clear green liquid with ammonia odor.

Flash Point, °F : Non-combustible

Boiling Point, °F : 212 Degrees F.

Melting Point(Freezing point), °C : <35 Degrees F.

Vapor Pressure, mm Hg @ 20 °C : Not established

Vapor Density : Not established

Solubility in Water : Soluble

Molecular Formula : Not applicable, formulated mixture.

Density, g/mL @ 25 °C : 1.350-1.430

Evaporation Rate(Butyl Acetate = 1) : Not established



Safety Data Sheet

Report Date 05-May-17

Page 3 of 4

Octanol/Water Partition Coefficient : No information found
pH : 6.1 to 7.1
Flammable Limits (approximate volume % in air) : No information found
Auto-ignition Temperature : No information found
Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition Products : May produce ammonia and phosphorus oxides under fire conditions.
Hazardous Polymerization : Will not occur
Conditions to Avoid : None noted
Incompatible Materials : May react vigorously with strongly alkaline materials.

11. Toxicological Information

Acute Toxicity (Oral LD50) : >2,000 mg/kg. May be harmful if swallowed.
Acute Toxicity (Dermal LD50) : >5,000 mg/kg. May be harmful in contact with skin.
Acute Toxicity Inhalation LC50 : No LC50 available. May be harmful if inhaled.
Likely Routes of Exposure : Eyes, skin
Skin Irritation : Causes skin irritation.
Eye Irritation : Causes serious eye irritation.
Skin Sensitization : Not listed as a contact sensitizer.
Carcinogenic : None currently known.
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, IATA or IMDG.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found



Safety Data Sheet

Report Date **05-May-17**

Page 4 of 4

Transport in Bulk : No information found
Special Precautions for Transportation : No information found
Freight Classification : Fertilizing Compound, (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70)

15. Regulatory Information

National Fire Protection Association Rating :

Health: 1 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 Pressure: N
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 05-May-2017