



Safety Data Sheet

Report Date 27-Apr-16

Page 1 of 4

1. Identification

Product Name : TRACITE 2-0-25
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 (no symbol)
Skin Irritation : Causes mild skin irritation and redness.
Eye Irritation : Causes 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-2B/3

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

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of plant nutrients derived from urea and buffered potassium hydroxide. GUARANTEED ANALYSIS: Total Nitrogen (N): Soluble Potash (K ₂ O):	Proprietary	100.00 2.00% 25.00%

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.

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.



Safety Data Sheet

Report Date 27-Apr-16

Page 2 of 4

- Specific Hazards Arising from the Chemical** : May produce toxic fumes under fire conditions.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.

6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Splashproof goggles, impervious gloves, impervious apron and footwear. No respiratory protection needed under normal conditions. Eyewash 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** : Dike spilled product. Collect and reuse if uncontaminated. If contaminated, cover with inert absorbent, such as clay or sand. Scoop up and place in a chemical waste container for proper disposal. Wash spill area with water. Absorb, collect and place in containers with material for 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 established for the mixture.
- Appropriate Engineering Controls** : Local exhaust is sufficient.
- Personal Protective Equipment** : Splashproof goggles, impervious gloves, impervious apron and footwear. No respiratory protection needed under normal conditions. Eyewash should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Clear colorless liquid with mild odor.
- Flash Point, °F** : Not flammable
- Boiling Point, °F** : 212 Degrees F.
- Melting Point(Freezing point), °C** : <10 Degrees F.
- Vapor Pressure, mm Hg @ 20 °C** : No information found
- Vapor Density** : No information found
- Solubility in Water** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 1.262-1.327
- Evaporation Rate(Butyl Acetate = 1)** : No information found
- Octanol/Water Partition Coefficient** : No information found
- pH** : 8.4 to 9.4
- Flammable Limits (approximate volume % in air)** : No information found
- Auto-ignition Temperature** : No information found
- Decomposition temperature** : No information found



Safety Data Sheet

Report Date 27-Apr-16

Page 3 of 4

10. Stability and Reactivity

- Reactivity** : No information found
- Chemical Stability** : Stable
- Hazardous Decomposition** : May produce oxides of carbon under fire conditions.
- Products**
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : Avoid strong acids.
- Incompatible Materials** : Strong acids

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : 3,250 mg/kg. May be harmful if swallowed.
- Acute Toxicity (Dermal LD50)** : No LD50 available. May be harmful in contact with skin.
- Acute Toxicity Inhalation LC50** : No LC50 available. May cause mild irritation of the respiratory tract.
- Likely Routes of Exposure** : Skin and eyes
- Skin Irritation** : May cause mild irritation and redness.
- Eye Irritation** : Causes eye irritation.
- Skin Sensitization** : Not a contact sensitizer.
- Carcinogenic** : Not listed by IARC, NTP or OSHA.
- Chronic Effects** : No information found
- Other Hazards** : No information found

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
- 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)



Safety Data Sheet

Report Date 27-Apr-16

Page 4 of 4

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 : 27-April-2016