



# Safety Data Sheet

Report Date 08-Mar-15

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## 1. Identification

**Product Name** : TRACITE STAND 12-0-2  
**Synonyms** : None  
**Product Use** : Inorganic 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 mild 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** : Eye irritation - 2A; Skin irritation - 3; Oral/Dermal/Inhalation Toxicity - 5/5/5

**Hazard Statement** : Causes serious eye irritation  
Causes mild skin irritation  
Maybe harmful if swallowed, in contact with skin or if inhaled

## 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of plant nutrients derived from Urea, Potassium Chloride, Calcium Chloride and Magnesium Chloride.	Proprietary	100.00
GUARANTEED ANALYSIS:		
Total Nitrogen (N): 12.00%		
12% Urea Nitrogen		
Soluble Potash (K <sub>2</sub> O): 2.00%		
Calcium (Ca): 2.00%		
Magnesium (Mg): 1.50%		
Chlorine (Cl), not more than: 11.00%		

## 4. First Aid Measures

**Eye** : Rinse cautiously with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing the eye. If irritation persists, get medical attention.

**Skin** : Remove contaminated clothing and wash skin with soap and water. If skin irritation occurs, get medical attention.

**Inhalation** : Move to fresh air. Call a poison control center or doctor if irritation persists.

**Ingestion** : Rinse mouth with water. Call a poison control center or doctor for treatment advice.

**Indication of Immediate Medical Attention and Special Treatment Needed** : Treat symptomatically.



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### 5. Fire Fighting Measures

- Extinguishing Media** : Not a flammable liquid. Use extinguishing media suitable for underlying cause of fire.
- Specific Hazards Arising from the Chemical** : None currently known.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing. Dike to prevent run off of firefighting water.

### 6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Chemical-resistant gloves, splashproof goggles or face shield, long-sleeved shirt, long pants, shoes plus socks. Eyewash and emergency shower should be available in area. Respiratory protection not normally needed.
- Emergency Procedures** : Use appropriate protective equipment. Dike spill to prevent contamination of soil or any waterways.
- Methods and Materials for Containment and Cleanup** : If uncontaminated, recover and reuse product. If contaminated, absorb on sand or clay and place in a recover drum for proper disposal.

### 7. Handling and Storage

- Precautions for Safe Handling** : Keep container tightly closed. Do not contaminate water sources by cleaning of equipment or disposal of rinse water.
- Conditions for Safe Storage** : May be stored in unheated area but keep from freezing. Aluminum is not recommended for storage containers or for piping/connections. As with any chloride-based liquid, corrosion to aluminum may occur after prolonged exposure.

### 8. Exposure Controls / Personal Protection

- TLV/PEL** : No information found.
- Appropriate Engineering Controls** : General and/or local exhaust is sufficient.
- Personal Protective Equipment** : Chemical-resistant gloves, splashproof goggles or face shield, long-sleeved shirt, long pants, shoes plus socks. Eyewash and emergency shower should be available in area. Respiratory protection not normally needed.

### 9. Physical and Chemical Properties

- Odor/Appearance** : Clear blue liquid.
- Flash Point, °F** : Not flammable
- Boiling Point, °F** : 225 Degrees F.
- Melting Point(Freezing point), °C** : Not established
- 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** : 1.200-1.220 g/ml
- Evaporation Rate(Butyl Acetate = 1)** : Not established
- Octanol/Water Partition Coefficient** : Not determined
- pH** : 7.8



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**Flammable Limits (approximate volume % in air)** : Not applicable  
**Auto-ignition Temperature** : Not applicable  
**Decomposition temperature** : Not determined

### 10. Stability and Reactivity

**Reactivity** : Not normally reactive.  
**Chemical Stability** : Stable  
**Hazardous Decomposition Products** : Emits hydrogen chloride, halogenated compounds and chlorine gas when heated to decomposition.  
**Hazardous Polymerization** : Will not occur  
**Conditions to Avoid** : None known.  
**Incompatible Materials** : Avoid strong oxidizing agents, concentrated acids and some metals.

### 11. Toxicological Information

**Acute Toxicity (Oral LD50)** : No information found  
**Acute Toxicity (Dermal LD50)** : No information found  
**Acute Toxicity Inhalation LC50** : No information found  
**Likely Routes of Exposure** : Eyes and skin.  
**Skin Irritation** : Causes mild skin irritation.  
**Eye Irritation** : Causes serious eye irritation.  
**Skin Sensitization** : No information found.  
**Carcinogenic** : Not listed by IARC, NTP or OSHA.  
**Chronic Effects** : None known.  
**Other Hazards** : None 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  
**Transport in Bulk** : No information found  
**Special Precautions for Transportation** : No information found



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**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** : 06-March-2015