



# Safety Data Sheet

Report Date 21-Dec-15

Page 1 of 4

## 1. Identification

**Product Name** : CORON 25-0-0 PLUS 0.5% B (CODE 25)  
**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** : Prolonged or repeated contact with this liquid may irritate the skin slightly.  
**Eye Irritation** : Direct eye contact with liquid may cause slight irritation. If mist is formed, it may also irritate slightly.  
**Acute Toxicity Oral** : Product not tested. However, the individual components are not considered acutely toxic.  
**Acute Toxicity Dermal** : No data available  
**Hazard Categories** : Oral/Dermal/Inhalation Toxicity-5/5/5; Eye/Skin Irritation-2A/3  
**Hazard Statement** : May be harmful if swallowed  
May be harmful in contact with skin  
May be harmful if inhaled  
Causes mild skin irritation  
Causes serious eye irritation

## 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of plant nutrients derived from urea, Methylene diurea, Methylene ureas, and boric acid.	Proprietary	100.00
GUARANTEED ANALYSIS:		
Total Nitrogen (N):		25%
18.8% Urea Nitrogen		
6.2% Other Water Soluble Nitrogen		
Boron (B):		0.50%
Chlorine (Cl), not more than:		0.01%

## 4. First Aid Measures

**Eye** : Immediately flush eyes with water for at least 15 minutes, holding eyelids open. Obtain medical attention if irritation persists.  
**Skin** : Remove contaminated clothing and wash affected skin with soap and water. Call a physician if irritation persists.  
**Inhalation** : Move to fresh air. Obtain medical attention immediately if breathing becomes difficult.  
**Ingestion** : Dilute by drinking large amounts of water and induce vomiting. Get immediate medical attention.  
**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 and the clinical condition of the patient.



## Safety Data Sheet

Report Date 21-Dec-15

Page 2 of 4

### 5. Fire Fighting Measures

- Extinguishing Media** : Non-combustible liquid. 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 positive pressure self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.

### 6. Accidental Release Measures

- Personal Precautions** : Avoid contact with skin and eyes.
- Protective Equipment** : NIOSH-approved respirator for ammonia gas if mist or spray is present, impervious gloves, splashproof goggles, impervious apron and footwear. Safety shower and eyewash should be available.
- Emergency Procedures** : Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash water or spray waste.
- Methods and Materials for Containment and Cleanup** : Contain spill. If uncontaminated, recover and reuse product. If contaminated, absorb on sand or clay and place in a recovery drum for proper disposal.

### 7. Handling and Storage

- Precautions for Safe Handling** : Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash water or spray waste.
- Conditions for Safe Storage** : Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Use within 9 months of purchase. Store at temperatures above 45 Degrees F. Store in original containers only. Keep containers tightly closed and do not allow water to be introduced into the contents of the container.

### 8. Exposure Controls / Personal Protection

- TLV/PEL** : Not established
- Appropriate Engineering Controls** : Local exhaust ventilation should be sufficient.
- Personal Protective Equipment** : NIOSH-approved respiratory for ammonia gas if mist or spray is present, impervious gloves, splashproof goggles, impervious apron and footwear. Safety shower and eyewash available.

### 9. Physical and Chemical Properties

- Odor/Appearance** : Clear green liquid with slight ammonia odor.
- Flash Point, °F** : Not flammable
- Boiling Point, °F** : 102 Degrees C.
- Melting Point(Freezing point), °C** : 32 Degrees F.
- Vapor Pressure, mm Hg @ 20 °C** : 50 mm/Hg @ 21 C.
- Vapor Density** : Not applicable
- Solubility in Water** : 100%
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 1.200-1.220 g/ml
- Evaporation Rate(Butyl Acetate = 1)** : 0.03



## Safety Data Sheet

Report Date 21-Dec-15

Page 3 of 4

**Octanol/Water Partition Coefficient** : No information found  
**pH** : 7.3-10.0  
**Flammable Limits (approximate volume % in air)** : No information found  
**Auto-ignition Temperature** : Not applicable  
**Decomposition temperature** : No information found

### 10. Stability and Reactivity

**Reactivity** : No information found.  
**Chemical Stability** : Stable  
**Hazardous Decomposition Products** : Product may release ammonia and carbon dioxide under fire conditions.  
**Hazardous Polymerization** : Will not occur  
**Conditions to Avoid** : Avoid high temperatures above 105 Degrees F for prolonged periods.  
**Incompatible Materials** : Avoid mixing or intimate contact with strongly acidic materials.

### 11. Toxicological Information

**Acute Toxicity (Oral LD50)** : No LD50 available. 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 be harmful if inhaled.  
**Likely Routes of Exposure** : Skin, eye, inhalation.  
**Skin Irritation** : Causes mild skin irritation.  
**Eye Irritation** : Causes serious eye irritation.  
**Skin Sensitization** : No information found  
**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 21-Dec-15

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** : 21-December-2015