Safety Data Sheet

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 : Acute Toxicity Oral/Dermal/Inhalation - 5/5; Eye irritation - 2A; Skin irritation - 3

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 %
Proprietary blend of plant nutrients derived from urea, Methylene diurea, Methylene ureas, and boric acid. Guaranteed Analysis: Total Nitrogen (N): 25.00% Boron (B): 0.5%	Proprietary	100.00

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.

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 from 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, ^{0}F	: Not flammable
Boiling Point, ^{0}F	: 102 Degrees C.
Melting Point(Freezing point), ^{0}C	: 32 Degrees F.
Vapor Pressure, mm Hg @ 20 ^{0}C	: 50 mm/Hg @ 21 C.
Vapor Density	: Not applicable
Solubility in Water	: 100%
Molecular Formula	: Not applicable, formulated mixture.
Density, g/mL @ 25 ^{0}C	: 1.200-1.220 g/ml
Evaporation Rate(Butyl Acetate = 1)	: 0.03
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 information available
Acute Toxicity (Dermal LD50)	: No information available
Acute Toxicity Inhalation LC50	: No information available
Likely Routes of Exposure	: Skin, eye, inhalation.
Skin Irritation	: Prolonged or repeated contact may irritate the skin slightly.
Eye Irritation	: Direct eye contact may cause slight eye irritation. If mist is formed, contact may also irritate the eyes slightly.
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
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 : 16-March-2015