

Material Safety Data Sheet

Effective Date: 27-JUL-2014  
Product: CORON 25-0-0 PLUS 0.5% B (CODE 25)

I. IDENTIFICATION

Chemical Name: Amino modified methylene urea solution  
Chemical Family: Inorganic fertilizer  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: Not applicable, formulated mixture.  
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: 102 Degrees C.  
Freezing Point: 32 Degrees F.  
Spec Gravity: 1.200-1.220 g/ml  
Vapor Pressure: 50 mm/Hg @ 21 C.  
Vapor Density: Not applicable  
Solubility: 100%  
Volatiles: 40% @ 105 C.  
Evaporation: 0.03  
Melting Point: Not applicable  
Appearance: Clear green liquid with slight ammonia odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of water, urea, methylene diurea, methylene ureas and boracic acid. May also contain Chlorine (Cl) at not more than 0.01%.		100.00	5 mg/m3	Skin & eye irritant.
TYPICAL COMPOSITION:				
Total Nitrogen (N):	25.00%			
18.8% Urea Nitrogen				
6.2% Water Soluble Nitrogen				
Boron (B):	0.50%			

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible  
Autoignition Temp: Not applicable  
Flammable Limit: Not applicable  
Extinguishing Media: Non-combustible liquid. Use extinguishing media suitable for underlying cause of fire.

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Special Fire Fight Proc: Wear positive pressure self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.

Fire and Expl Hazard: Product generates toxic and irritating fumes under fire conditions.

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V. HEALTH HAZARD

Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

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Swallowing: Product not tested for acute toxicity. However, the individual components comprising the product are not considered acutely toxic.  
Skin Absorption: No data available.  
Inhalation: In the unlikely event that mist is formed, it may irritate the respiratory tract if inhaled.  
Skin contact: Prolonged or repeated contact with this liquid may irritate the skin slightly.  
Eye Contact: Direct eye contact with liquid may cause slight irritation. If mist is formed, it may also irritate slightly.  
Chronic Effects: None currently known.  
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

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Swallowing: Dilute by drinking large amounts of water and induce vomiting. Get immediate medical attention.  
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.  
Eyes: Immediately flush eyes with water for at least 15 minutes, holding eyelids open. Obtain medical attention if irritation persists.  
Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

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VI. REACTIVITY

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Stability: Stable  
Conditions to Avoid: Avoid high temperatures above 105 Degrees F.  
for prolonged periods.  
Polymerization: Will Not Occur  
Conditions to Avoid: Avoid temperatures above 125 Degrees F. or  
greater acid contamination.  
Incompatibility material: Avoid mixing or intimate contact with strongly  
acidic materials.  
Hazardous Combustion: Product may release ammonia and carbon dioxide  
under fire conditions.

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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: Contain spill. If uncontaminated, recover and  
reuse product. If contaminated, absorb on sand  
or clay and place in a recovery drum from  
proper disposal.  
Waste Disposal Method: This material must be disposed of according to  
Federal, State or Local procedures under the  
Resource Conservation and Recovery Act.

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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: NIOSH-approved cartridge-type respirator  
approved for ammonia gas if mist or spray is  
present.  
Ventilation: Local exhaust sufficient.  
Gloves: Impervious gloves.  
Eyes: Splashproof goggles.  
Other: Emergency shower, eyewash station, impervious  
apron and footwear.

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IX. SPECIAL PRECAUTIONS  
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Special precaution: Keep out of reach of children. Do not store  
with food, feed or other material to be used  
or consumed by humans or animals. Do not  
contaminate water sources by runoff from  
cleaning of equipment, disposal of equipment  
washwater or spray waste.  
Other precaution: Use within 9 months from date of purchase.  
Store product at temperatures above 45 Degrees  
F. Store in original containers only. Keep  
containers tightly closed and do not allow

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water to be introduced into the contents of  
the container.  
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X. SHIPPING INFORMATION

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Shipping name: Not regulated by DOT, IATA or IMDG.  
Hazard Class: None  
Identification No: None  
Labels Required: None required  
Placarding: None  
Freight Class: Fertilizing Compound, (Manufactured  
Fertilizer), Liquid, NOIBN (NMFC Item 68140,  
Sub 6, Class 70)

Chemical Name Equivalent R.Q.

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Not applicable Not applicable  
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XI. GENERAL PRODUCT INFORMATION

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National Fire Protection Association Rating:  
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 0 Reactivity: 0

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

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