

Material Safety Data Sheet

Effective Date: 28-APR-2000
Product: CORON 25-0-0, 0.5% FE

I. IDENTIFICATION

Chemical Name: Amino Modified Methylene Urea/Iron Solution.
Chemical Family: Inorganic controlled release fertilizer
Formula: Not applicable, formulated mixture
Synonyms: None
CAS Number: See ingredient statement, section III.
EPA Number: Not required

II. PHYSICAL DATA

Boiling Point: >100 Degrees C.
Freezing Point: <35 Degrees F.
Spec Gravity: 1.273 gms/cc
Vapor Pressure: 50 mm/Hg @ 21C
Vapor Density: Not applicable
Solubility: Infinite
Volatiles: Approximately 40%
Evaporation: 0.3
Melting Point: Not applicable
Appearance: Clear green liquid, slight ammonia odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Urea, Methylene diurea, monomethylol urea, amino modified methylene urea, and iron chelate.	Not applicable	100.00	15 mg/m3	Skin & eye irritant

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 for underlying cause of fire.
Special Fire Fight Proc: Use positive pressure self-contained breathing apparatus with full protective clothing. Use water spray to keep fire exposed containers cool.
Fire and Expl Hazard: Decomposes on heating to nitrogen oxides.

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V. HEALTH HAZARD

Carcinogen Information: Not listed by NTP, IARC or OSHA

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Product not tested for acute toxicity. However, the individual components comprising the product are not considered acutely toxic.
Skin Absorption: No toxic effects due to skin absorption based on currently known information.
Inhalation: Inhalation of product solution or mist may cause irritation to the respiratory tract.
Skin contact: Skin irritation is possible from prolonged or repeated contact.
Eye Contact: Contact with eyes by product solution or mist will cause irritation or burning sensation
Chronic Effects: None currently known
Other Hazard: None currently known

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Drink large volumes of water and induce vomiting by placing finger at back of throat. Call a physician or poison control center.
Skin: Remove contaminated clothing and wash skin with soap and water. Consult a physician if irritation develops.
Inhalation: Move to fresh air. Obtain medical attention if irritation develops.
Eyes: Flush eyes with water for 15 minutes, holding eyelids open. Obtain medical attention if irritation develops.
Notes to Physician: There is no specific antidote for this material. Treatment of over-exposure should be directed at control of the symptoms and the clinical conditions.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: Temperatures of 125 degrees F. or greater or acid contamination.
Polymerization: Will Occur
Conditions to Avoid: None currently known.
Incompatibility material: Avoid mixing or intimate contact with strong acidic materials.

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Hazardous Combustion: Thermal decomposition from excessive heat (such as fire) may release ammonia and carbon dioxide.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain spill. Mop up or pump up spilled material into plastic containers. If uncontaminated, reuse as product. If contaminated, place material in plastic recovery drums for proper disposal.

Waste Disposal Method: This material must be disposed or according to Federal, State, or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: If mist concentrations exceed recommended permissible exposure limits, use NIOSH/MSHA approved respirators.

Ventilation: Local exhaust normally sufficient

Gloves: Impervious

Eyes: Chemical workers goggles

Other: Eye wash station, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. No not store with food, feed, or other materials to be used or consumed by humans or animals. Do not contaminated water supplies, lakes, streams, or ponds.

Other precaution: Large spills may promote eutrophication in waterways.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA, or IMO
Hazard Class: None

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CHEMTREC: 800-424-9300

09-AUG-2002 10:19:56
Page 4 Of 4

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Identification No: None required
Labels Required: None required
Placarding: None required
Freight Class: Compound, Fertilizer (Manufactured Fertilizer)
Liquid, NOIBN

Chemical Name	Equivalent R.Q.
----- Not applicable	----- Not Applicable

XI. GENERAL PRODUCT INFORMATION

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

Health: 1 Fire: 0 Reactivity: 1

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	

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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