

Material Safety Data Sheet

Effective Date: 29-APR-2005
Product: CORON 18-8-11 AG USE CODE 25

I. IDENTIFICATION

Chemical Name: Liquid Controlled Release Fertilizer
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: 35 Degrees F.
Spec Gravity: 1.308 gms/cc
Vapor Pressure: 50 mm/Hg @ 21 Deg. C.
Vapor Density: Not applicable
Solubility: 100%
Volatiles: Not determined
Evaporation: Not determined
Melting Point: Not applicable
Appearance: Clear green liquid with ammonia odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of plant nutrients derived from urea, polymethylene urea, methylene diurea, monomethylol urea and polypotassium phosphate.		100.00	N/E	Skin & eye irritant.

TYPICAL COMPOSITION:
Total Nitrogen (N): 18%
Urea N - 13.5%
Water Soluble N - 4.5%
Phosphate (P2O5): 8%
Soluble Potash (K2O): 11%

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 self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.

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

V. HEALTH HAZARD

Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Product not tested for acute oral toxicity. However, the individual components comprising the product are not considered acutely toxic.

Skin Absorption: Product not tested for acute dermal toxicity.

Inhalation: In the unlikely event that mist is formed, it may irritate the respiratory tract.

Skin contact: Prolonged or repeated contact with liquid may irritate slightly.

Eye Contact: Liquid contact may irritate the eyes slightly. If mist is formed, it may also irritate the eyes slightly.

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: Wash skin thoroughly with soap and water. Get medical attention if irritation develops.

Inhalation: Move to fresh air. If irritation develops, obtain medical attention.

Eyes: Flush eyes with water for at least 15 minutes, holding eyelids open. Obtain medical attention if irritation develops.

Notes to Physician: There is no specific antidote for this material. Treatment of overexposure should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability: Stable

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Conditions to Avoid: Avoid high temperatures above 105 Degrees F. for prolonged periods.
Polymerization: Will Not Occur
Conditions to 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.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain spill. If uncontaminated, recover and reuse product as intended. If contaminated, absorb on sand, clay or another inert absorbent and place in a recovery drum for 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.

VIII. SPECIAL PROTECTION INFORMATION

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

IX. SPECIAL PRECAUTIONS

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 supplies, lakes, streams or ponds. Avoid containers, piping or fittings made of copper-containing alloys or galvanized metals.
Other precaution: Store unblended in closed containers between 35 Degrees F and 90 Degrees F. Product may promote eutrophication in waterways if large spill occurs.

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X. SHIPPING INFORMATION

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

Chemical Name	Equivalent R.Q.
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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	

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