

Material Safety Data Sheet

Effective Date: 01-OCT-2004  
Product: CORON 14-2-14

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: >100 Degrees C.  
Freezing Point: <35 Degrees F.  
Spec Gravity: 1.345 gms/cc  
Vapor Pressure: Not determined  
Vapor Density: Not applicable  
Solubility: 100%  
Volatiles: 40% @ 105 Degrees C.  
Evaporation: 0.03  
Melting Point: Not applicable  
Appearance: Clear, green liquid with mild ammonia odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of Plant Nutrients derived from urea, polymethylene urea, methylene diurea, monomethylol urea, potassium carbonate and dipotassium phosphate. Typical Composition: *Total Nitrogen (N): 14.00% Available Phosphate (P2O5): 2.00% Soluble Potash (K2O): 14.00% *Note: 8.4% slowly available nitrogen from polymethylene urea, methylene diurea and monomethylol urea.		100.00	N/E	Skin & eye irritant.

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible

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Autoignition Temp: Not applicable  
Flammable Limit: Not applicable  
Extinguishing Media: Non-combustible liquid. Use extinguishing media suitable for underlying cause of fire.  
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  
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Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: Product not tested for acute oral toxicity. However, the individual components comprising this product are not considered toxic.  
Skin Absorption: Product not tested for acute dermal toxicity.  
Inhalation: In the unlikely event that mists are generated, they may irritate the respiratory tract if inhaled.  
Skin contact: Prolonged or repeated skin contact may irritate the skin slightly.  
Eye Contact: Liquid contact with eyes may cause slight irritation. If mist is formed, it may also irritate the eyes slightly if contact occurs.  
Chronic Effects: None currently known.  
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: Drink large volumes of water and induce vomiting by touching the back of throat with finger. 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, get medical attention.  
Eyes: Flush eyes with water for at least 15 minutes, holding eyelids open. Obtain medical attention if irritation persists.  
Notes to Physician: There is no specific antidote for this material. Treatment of overexposure should be

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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 temperatures greater than 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.  
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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 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.  
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VIII. SPECIAL PROTECTION INFORMATION

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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.  
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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 supplies, lakes, streams or  
ponds. Product may promote eutrophication in  
waterways if large spill occurs.  
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Other precaution: Use within nine (9) months of purchase. Store unblended in closed containers at temperatures between 40 and 90 Degrees F. Avoid containers, piping or fittings made of copper-containing alloys or galvanized metals.  
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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: Compound, Fertilizer (Manufactured Fertilizer),  
Liquid, NOIBN (NMFC Item 68140, Sub 6, Class  
70)

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

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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: 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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