

Material Safety Data Sheet

Effective Date: 17-SEP-2012
Product: CORON 12-0-12 (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: 1.301 gms/cc
Vapor Pressure: Not determined
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 methylene ureas, urea, potassium thiosulfate and sodium tetraborate. TYPICAL COMPOSITION: Total Nitrogen (N) - 12.00% 9% Urea Nitrogen 3% Water Soluble Nitrogen Soluble Potash (K2O) - 12.00% Sulfur (S) - 8.00%		100.00	Skin & eye irritant.

IV. FIRE AND EXPLOSION HAZARD

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

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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.

V. HEALTH HAZARD

Carcinogen Information: None currently known.

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: Product not tested for acute dermal toxicity. Not expected to be toxic.
Inhalation: In the unlikely event that mists are formed, irritation of the respiratory tract may occur.
Skin contact: Prolonged or repeated liquid contact may irritate the skin slightly.
Eye Contact: Liquid contact with eyes may irritate slightly. If mist is formed, it may irritate the eyes also.
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. Obtain medical attention if irritation develops.
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 at the control of symptoms and the clinical condition of the patient.

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VI. REACTIVITY

Stability: Stable
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. If contaminated, absorb on sand
or clay and place in chemical recovery drums
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/MSHA cartridge type respirator approved
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. Use within 6 months of purchase. Store
unblended in closed containers in an area
protected from excessive temperatures (below
32 Degrees F. and 90 Degrees F.). Avoid
containers, piping or fittings made of copper-

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Other precaution: containing alloys or galvanized metals.
Product may promote eutrophication in
waterways if large spills occur.
A) 40 CFR Part 355, Extremely Hazardous
Substances - None
B) 40 CFR Part 370, Hazardous Chemical
Reporting - Applicable
C) 40 CFR Part 372, Toxic Chemicals - Not
listed

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: Fertilizing Compound, (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: 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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