

Material Safety Data Sheet

Effective Date: 05-MAY-2005
Product: CORON GOLD 12-3-12 (CODE 35)

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 F.
Freezing Point: <35 Degrees F.
Spec Gravity: 1.245 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 urea, methylene diurea, methylene ureas, dipotassium phosphate and potassium hydroxide.		100.00	N/E	Skin & eye irritant.

TYPICAL COMPOSITION:
Total Nitrogen (N): 12.00%
7.8% Urea Nitrogen
4.2% Water Soluble Nitrogen
Avail. Phosphate (P2O5): 3.00%
Soluble Potash (K2O): 12.00%

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.

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 dermal toxicity. Not expected to be toxic by absorption.

Inhalation: If mists are formed, inhalation may result in irritation of the respiratory tract.

Skin contact: Prolonged or repeated skin contact may cause slight to moderate skin irritation.

Eye Contact: Liquid contact with eyes may irritate slightly. Eye contact with spray mists 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 for treatment advice.

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 toward control of the symptoms and the clinical condition of the patient.

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.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain spill. If uncontaminated, recover and reuse product. If contaminated, absorb with an inert material, such as clay or sand. Collect 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: None needed under normal use conditions.
Ventilation: Local exhaust sufficient.
Gloves: Impervious.
Eyes: Chemical splash goggles.
Other: Eyewash station, emergency shower, 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. Store unblended material in closed container at temperatures between 35 Degrees F. and 90 Degrees F. Do not store in unmarked containers.
Other precaution: If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product labels.

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18-MAY-2005 15:07:53
Page 4 Of 4

Material Safety Data Sheet

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X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT
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: 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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