

Material Safety Data Sheet

Effective Date: 05-OCT-2005
Product: CORON 20-0-10 (CODE 50) (T&O)

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: 1.320-1.340 gms/cc
Vapor Pressure: 50 mm/Hg @ 21 Deg. C.
Vapor Density: Not applicable
Solubility: 100%
Volatiles: 40% @ 105 Deg. C.
Evaporation: 0.03
Melting Point: Not applicable
Appearance: Light blue liquid with slight ammonia odor.

III. INGREDIENTS

| Material | CAS Number | Percent | TLV | Hazard |
|--|------------|---------|---------|----------------------|
| Proprietary blend of plant nutrients derived from Urea, Methylene Diurea, Methylene Ureas and Potassium Carbonate. | | 100.00 | 5 mg/m3 | Skin & eye irritant. |

TYPICAL COMPOSITION:
Total Nitrogen (N): 20.00%
Soluble Potash (K2O): 10.00%

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 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.

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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 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 if inhaled.
Skin contact: Prolonged or repeated skin contact may
irritate the skin slightly.
Eye Contact: Liquid contact with eyes may irritate 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 touching back of throat with
finger. Call a physician or poison control
center for treatment advice.
Skin: Wash skin thoroughly with soap and water. Seek
medical attention if irritation develops.
Inhalation: Move to fresh air. If irritation develops, seek
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. In the event of an adverse response,
treatment should be directed toward control of
the symptoms and the clinical condition of the
patient.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: Avoid temperatures above 105 Degrees F. for

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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 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.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: NIOSH 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, original containers at
temperatures between 40 and 90 Degrees F. Avoid
containers, piping or fitting made of copper-
containing alloys or galvanized metals.
Other precaution: Product may promote eutrophication of waterways
if large spills occur.

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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. |
|-------------------------|-------------------------|
| ----- 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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