

Material Safety Data Sheet

Effective Date: 15-APR-2008  
Product: CALIBER COTE 26-5-12 (10-12 MONTHS)

I. IDENTIFICATION

Chemical Name: Turf Fertilizer  
Chemical Family: Inorganic Fertilizer  
Formula: Not applicable, formulated mixture.  
Synonyms: Controlled Release Fertilizer  
CAS Number: Not applicable, formulated mixture.  
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not applicable  
Freezing Point: Not applicable  
Spec Gravity: Not determined  
Vapor Pressure: Not applicable  
Vapor Density: Not applicable  
Solubility: 100%  
Volatiles: Not applicable  
Evaporation: Not applicable  
Melting Point: >130 Degrees C.  
Appearance: Granular solid with no appreciable odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Blend of plant nutrients derived from Polymer Coated Urea, Polymer Sulfur Coated Urea, Urea, Monoammonium Phosphate, Sulfate of Potash- Magnesia, Sulfate of Potash, and Muriate of Potash.		100.00	15 mg/m3	Skin & eye irritant.

GUARANTEED ANALYSIS:  
Total Nitrogen(N): 26.00%  
Ammoniacal Nitrogen - 1.95%  
Urea Nitrogen - 24.05%  
Available Phosphate(P2O5): 5.00%  
Soluble Potash(K2O): 12.00%  
Total Magnesium(Mg) - 1.00%;  
Sulfur(S) - 6.20%

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible

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Autoignition Temp: Not determined  
Flammable Limit: Not determined  
Extinguishing Media: Non-combustible solid. Use extinguishing media suitable for underlying cause of fire.  
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing.  
Fire and Expl Hazard: May produce toxic 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: May cause gastrointestinal upset if large amounts are ingested.  
Skin Absorption: No hazard anticipated due to skin absorption.  
Inhalation: Inhalation of dusts may cause minor irritation to the mucous membranes.  
Skin contact: Contact with skin may cause slight irritation.  
Eye Contact: Eye contact may cause slight irritation.  
Chronic Effects: None currently known.  
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

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Swallowing: If swallowed, drink lots of water. If irritation develops, consult a physician immediately.  
Skin: Wash affected areas with plenty of soap and water. If irritation develops, seek medical attention.  
Inhalation: Move to fresh air. If breathing becomes difficult, obtain medical attention immediately.  
Eyes: Flush eyes with water for at least 15 minutes, holding the eyelids open. If irritation develops, consult a physician.  
Notes to Physician: In the event of an adverse response, treatment should be 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

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Conditions to Avoid: Avoid exposure to excessive heat.  
Polymerization: Will Not Occur  
Conditions to Avoid: None currently known.  
Incompatibility material: Avoid contact with strong oxidizers and alkaline materials.  
Hazardous Combustion: Nitrogen oxides, oxides of carbon, ammonia gas and phosphoric acid under fire conditions.

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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: Sweep up spilled product and reuse if uncontaminated. If contaminated, collect and place in suitable containers for proper disposal. Do not contaminate water supplies, lakes, streams or ponds with spilled product.  
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: Use NIOSH-approved dust respirator/mask.  
Ventilation: Local exhaust sufficient.  
Gloves: Impervious gloves.  
Eyes: Splashproof goggles.  
Other: 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. Protect bags from physical damage. Store in a cool, dry place. Keep separate from combustible, organic or readily oxidizable materials.  
Other precaution: Immediately remove and properly dispose of any spilled product.

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X. SHIPPING INFORMATION  
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Shipping name: Not regulated by DOT, IATA or IMDG.

Helena Chemical Company  
PH: 901-761-0050  
CHEMTREC: 800-424-9300

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Hazard Class: None  
Identification No: None  
Labels Required: None required  
Placarding: None  
Freight Class: Compound, Fertilizer (Manufactured Fertilizer),  
Solid, NOIBN (NMFC Item 68140, Sub 5, Class 50)  
Chemical Name Equivalent R.Q.  
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Not applicable Not applicable

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XI. GENERAL PRODUCT INFORMATION  
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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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Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017  
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responsibility. It is offered solely for your consideration, investigation  
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