

# CALIBER COTE

## 14-14-14 3-4 MONTHS

Helena Chemical Company  
 PH: 901-761-0050  
 CHEMTREC: 1-800-424-9300  
 Effective Date: 10-03-03  
 Product: Caliber Cote 14-14-14 3 - 4 Months

### I. IDENTIFICATION

**Chemical Name:** Formulated mixture  
**Chemical Family:** Inorganic fertilizer  
**Formula:** Formulated mixture  
**Synonyms:** None  
**CAS Number:** Formulated mixture  
**EPA Number:** None required

### II. PHYSICAL DATA

**Boiling Point:** Not applicable  
**Freezing Point:** Not applicable  
**Spec Gravity:** 0.70-0.80 GMS/CC  
**Vapor Pressure:** Not applicable  
**Vapor Density:** Not applicable  
**Solubility:** Not applicable  
**Volatiles:** Not applicable  
**Evaporation:** NA  
**Melting Point:** >130 degrees C  
**Appearance:** Granular solid no detectable odor

### III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Nitrogen (N)		14.00	10 MG/M3	Skin & eye irritant
Phosphate (P2O5)		14.00	15 MG/M3	Skin & eye irritant
Soluble Potash (K2O)		14.00	15 MG/M3	Skin & eye irritant
Micronutrients: Calcium, Magnesium, Sulfur		7.17	Not applicable	Skin & eye irritant
Inert ingredients		50.83	Not applicable	Not hazardous

### IV. FIRE AND EXPLOSION HAZARD

**Flash Point:** Not applicable  
**Autoignition Temp:** Not applicable  
**Flammable Limit:** Not applicable  
**Extinguishing Media:** Non-combustible solid - use extinguishing media for underlying cause of fire.  
**Special Fire Fight Proc:** Use positive pressure self-contained breathing apparatus with full protective clothing.  
**Fire and Expl Hazard:** Decomposes at elevated temperatures to produce toxic fumes of ammonia and sulfur oxides.

### V. HEALTH HAZARD

**Carcinogen Information:** None currently known  
**ACUTE EFFECTS OF OVER EXPOSURE**  
**Swallowing:** If swallowed, irritation may develop in the mouth, esophagus, stomach, etc.  
**Skin Absorption:** Not absorbed by skin  
**Inhalation:** Dust inhalation may irritate nose, throat, and lungs.  
**Skin contact:** Irritation may result from prolonged skin contact.  
**Eye Contact:** Contact with dust or mist can cause eye irritation.  
**Chronic Effects:** None currently known  
**Other Hazard:** None currently known  
**EMERGENCY AND FIRST AID PROCEDURES**  
**Swallowing:** If conscious, drink 2 to 4 glasses of water and induce vomiting by touching back of throat with finger.  
**Skin:** Wash promptly with soap and water. Remove any contaminated clothing and wash before reuse.  
**Inhalation:** Move to fresh air. If breathing is difficult, obtain medical attention immediately.  
**Eyes:** Flush eyes with water for 15 minutes, holding 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.

### VI. REACTIVITY

**Stability:** Stable  
**Conditions to Avoid:** Excessive heat  
**Polymerization:** Will Not Occur  
**Conditions to Avoid:** None currently known  
**Incompatibility material:** Aldehydes, acids, caustics and oxidizing agents.  
**Hazardous Combustion:** Ammonia and sulfur trioxide and sulfur dioxide gases under fire conditions.

### VII. SPILL OR LEAK PROCEDURES

**Spill or Leak Proc:** Shovel up large spills. Sweep up small spills. If not contaminated reuse. If contaminated place in 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:** Where dusty or misty conditions require it, use a NIOSH-approved dust or mist respirator for needed protection.  
**Ventilation:** Local exhaust normally sufficient  
**Gloves:** Impervious  
**Eyes:** Chemical workers goggles  
**Other:** Eye wash 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. Protect against physical damage. Store in cool, dry place. Separate from combustible, organic or other readily oxidizable materials. Immediately remove and dispose of any spilled material.  
**Other precaution:** Avoid contact with eyes, skin and clothing. Avoid breathing dust. Keep containers closed and avoid rough handling. Follow good personal hygiene and housekeeping practices.

### X. SHIPPING INFORMATION

**Shipping name:** Not regulated by DOT  
**Hazard Class:** None  
**Identification No:** None  
**Labels Required:** None  
**Placarding:** None  
**Freight Class:** Compound, fertilizer, (Manufactured Fertilizer), dry, 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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