SAFETY DATA SHEET: CALCIUM ACETATE

1. IDENTIFICATION

Product Name: CALCIUM ACETATE
Synonyms: Calcium diacetate; Acetic acid, calcium salt
Formula and Formula Weight: Ca(C2H3O2)2 H2O  176.18
Integra numbers beginning with: C045.10
Recommended Use: Commercial/laboratory/industrial use
Restrictions on Use: No information available

INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHA Classification: Hazard Category: Hazard Statement:
None identified Not applicable Not applicable
Hazardous combustion products: Oxides of carbon. Acetone at temperatures above 160°C.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Synonyms</th>
<th>CAS #</th>
<th>% Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium acetate, monohydrate</td>
<td>Calcium diacetate monohydrate; Acetic acid calcium salt monohydrate</td>
<td>05743-26-0</td>
<td>100</td>
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4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.
Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.
Ingestion: If conscious, rinse mouth and give victim large amounts of water. Seek medical attention.
Additional notes: Symptoms and effects may include irritation to skin, eyes, nose, throat, upper respiratory tract.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: Fire conditions may liberate toxic and noxious fumes.
Hazardous combustion products: Oxides of carbon. Acetone at temperatures above 160°C.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Remove all potential ignition sources. Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into disposal container in a manner that minimizes dust dispersion.

7. HANDLING AND STORAGE

Incompatible Materials: Incompatible with strong oxidizers.
Storage and Handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage. Hygroscopic material.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA & ACGIH Exposure Limits:
Calcium acetate, monohydrate None identified

Engineering Controls: Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
Respiratory Protection: If use generates annoying or irritating dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.
Skin/Eye Protective Equipment: Safety goggles, protective clothing and gloves appropriate for the risk of exposure.

Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers. Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Coarse, white powder or crystals
Odor: Slight acetic acid odor
Odor Threshold: Not available
pH: 7.6 (for a 0.2 M aqueous solution)
Melting/Freezing Point: Not available
Initial Boiling Point and Boiling Range: Not available
Flash Point: Not available
Evaporation Rate: Not available
Flammability: Not available
Flammable or Explosive
  Limits (% by volume in air)
    Upper: Not available
    Lower: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Relative Density: 1.5 g/cc
Solubility: Soluble in water
Partition Coefficient: n-octanol/water Not available
Auto-Ignition Temperature: Not available
Decomposition Temperature: > 160°C
Viscosity: Not available

10. STABILITY AND REACTIVITY
Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: Excessive heat.
Incompatibles: Incompatible with strong oxidizers.
Decomposition Products: Oxides of carbon. Acetone at temperatures above 160°C.

11. TOXICOLOGICAL INFORMATION
Effects of Over Exposure:
  Inhalation: Inhalation may irritate the nose, throat and upper respiratory tract.
  Skin Contact: Contact may cause skin irritation.
  Eye Contact: May irritate or burn the eyes.
  Ingestion: None identified
  Additional Effects: None identified
  Chronic Effects: None identified
  Target Organs: None identified
  Reproductive Effects: None identified
  Carcinogenicity: None identified
Toxicity Data:
  Calcium acetate, monohydrate
    LD50 (oral, rat) [as anhydrous] 4280 mg/kg

12. ECOLOGICAL INFORMATION
Calcium acetate, monohydrate
Aquatic Toxicity Data: No information available
Terrestrial Toxicity Data: No information available
Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS
Disposal Procedures: Dispose of material and containers in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION
This product is not a regulated material for domestic ground transporation.
  Environmental hazards: No information available
  Special precautions: No information available
  Bulk transport: No information available

15. REGULATORY INFORMATION
Calcium acetate, monohydrate is listed in the TSCA inventory.

16. OTHER INFORMATION
OSHA SDS #: 25337 rev 102  3.27.2015

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***** END OF SDS *****