MATERIAL SAFETY DATA SHEET
CALCIUM ACETATE MONOHYDRATE

1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Calcium Acetate Monohydrate
Synonyms: Calcium acetate hydrate, Calcium acetate monohydrate, Calcium diacetate monohydrate
Company Identification: Sisco Research Laboratories Pvt. Ltd.
Andheri (East), Mumbai – 400 099.
Tel : +91 22 2687 2601
Fax : +91 22 2687 8241
Website : www.srlchem.com

2 - COMPOSITION, INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>%</th>
<th>EINECS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>5743-26-0</td>
<td>Calcium Acetate Monohydrate</td>
<td>99%</td>
<td>200-540-9</td>
</tr>
</tbody>
</table>

3 - HAZARDS IDENTIFICATION

special indication of hazards to humans and the environment
Not hazardous according to Directive 67/548/EEC.

4 - FIRST AID MEASURES

Eyes: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
Skin: In case of contact, immediately wash skin with soap and copious amounts of water.
Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician:

5 - FIRE FIGHTING MEASURES

Extinguishing Media
Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
Specific Hazard(s): Emits toxic fumes under fire conditions.
Special Protective Equipment For Firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 - ACCIDENTAL RELEASE MEASURES

Procedure(S) Of Personal Precaution(S): Wear respirator, chemical safety goggles, rubber boots, and
**Methods For Cleaning Up:**

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**7 – HANDLING AND STORAGE**

**Handling:**
Avoid breathing dust. Avoid contact with eyes, skin, and clothing.

**Storage:**
Keep container closed. Store in a cool dry place.

**special requirements:**
Hygroscopic.

**8 – EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Engineering Controls:**
Mechanical exhaust required.

**General Hygiene Measures:**
Wash thoroughly after handling. Wash contaminated clothing before reuse.

**Personal Protective Equipment**

**Respiratory Protection:**
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

**Hand Protection:**
Compatible chemical-resistant gloves.

**Eye Protection:**
Chemical safety goggles.

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:**
Solid

**Molecular Formula:**
Ca(C₂H₃O₂)₂·H₂O

**Molecular Weight:**
176.19

**10 - STABILITY AND REACTIVITY**

**Conditions of Instability:**
Moisture.

**Conditions to Avoid:**
Moisture.

**Materials to Avoid:**
Strong oxidizing agents.

**Hazardous Decomposition Products:**
Carbon monoxide, Carbon dioxide.

**Hazardous Polymerization:**
Will not occur

**11 - TOXICOLOGICAL INFORMATION**

**RTECS Number:**
AF7875000

**Acute Toxicity:**
LD₅₀ Oral Rat 4280 mg/kg

**Signs And Symptoms Of Exposure:**
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Route Of Exposure**
Skin Contact: May cause skin irritation.
Skin Absorption: May be harmful if absorbed through the skin.
Eye Contact: May cause eye irritation.
Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion: May be harmful if swallowed.

12 - ECOLOGICAL INFORMATION
No data available.

13 - DISPOSAL CONSIDERATIONS
Substance Disposal: Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14 - TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>IATA</th>
<th>IMO</th>
<th>RID/ADR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-hazardous</td>
<td>Non-hazardous</td>
<td>Non-hazardous</td>
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</tbody>
</table>

15 - REGULATORY INFORMATION
Not hazardous according to Directive 67/548/EEC.

16 - ADDITIONAL INFORMATION
SISCO RESEARCH LABORATORIES provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.