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**Safety Data Sheet**

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<b>Product Name</b>	<b>Calcium acetate</b>
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**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF  
THE COMPANY/UNDERTAKING**

**1.1 Product identification:****Product Description:** Calcium acetate**Synonyms:** Acetic acid, calcium salt**CAS-No:** 62-54-4**EC-No.:** 200-540-9**Molecular Formula:** C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>.Ca

**REACH Registration No:** A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

**1.2 Relevant identified uses of the substance or mixture and uses advised against:****Recommended Use:** Laboratory chemicals, Manufacture of substances**1.3 Details of the supplier of the safety data sheet:**

- **Company** **Finar Limited**  
184-186/P, Chacharwadi Vasna,  
Sarkhej-Bavla Highway,  
Ta.: Sanand, Dist.: Ahmedabad-382110, Gujarat, India.  
Web: [www.finarchemicals.com](http://www.finarchemicals.com)
- **E-Mail Address** [safety.finar@aceto.com](mailto:safety.finar@aceto.com); [info.finar@aceto.com](mailto:info.finar@aceto.com)

**1.4 Emergency Telephone Number:**

- For Emergency contact on: +91 - 2717 - 616 717

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**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture:**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

**2.2 Label Elements:**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

**2.3 Other Hazards:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances:** Calcium acetate**3.2 Mixtures:**

<b>Component</b>	<b>CAS-No</b>	<b>EC-No.</b>	<b>Weight %</b>
Calcium acetate	62-54-4	200-540-9	100 %

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures:**

- **General advice**

Consult a physician. Show this material safety data sheet to the doctor in attendance.

- **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

- **If case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

- **In case of eye contact**

Flush eyes with water as a precaution.

- **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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**4.2 Most important symptoms and effects, both acute and delayed:**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 1.

**4.3 Indication of any immediate medical attention and special treatment needed:**

No data available

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media:**

**Suitable Extinguishing Media-**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture:**

Carbon Oxides

Calcium Oxide

**5.3 Advice for firefighters:**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further Information:**

No data available

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas.

Avoid breathing dust.

For personal protection see section 8.

**6.2 Environmental precautions:**

Do not let product enter drains.

**6.3 Methods and material for containment and cleaning up:**

Pick up and arrange disposal without creating dust. Sweep up and shovel.

Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections:**

For disposal see Sections 13.

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**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling:****Advice on safe handling**

Avoid formation of dust and aerosols.

**Advice on protection against fire and explosion**

Provide appropriate exhaust ventilation at places where dust is formed.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities:****Storage conditions**

Keep container tightly closed in a dry and well-ventilated place.

Store at Room Temperature.

**7.3 Specific end use(s):**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters:****Ingredients with workplace control parameters****8.2 Exposure Controls:****Personal Protective Equipment:****- Eye & Face Protection-**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**- Hand Protection -**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

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**- Body Protection-**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**- Respiratory Protection-**

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. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**- Environmental Exposure Controls-**

Do not let product enter drains.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties:**

- **Physical State:** Solid
- **Appearance:** White
- **Odor:** Odorless
- **Odor Threshold:** No data available
- **pH:** 7.6 at 20°C 5% aq. sol
- **Melting Point:** 160 °C
- **Initial Boiling Point/Range:** No data available
- **Flash Point:** No data available
- **Evaporation Rate:** No data available
- **Lower Explosion Limit:** No data available
- **Upper Explosion Limit:** No data available
- **Vapor Pressure:** No data available
- **Vapor Density:** No data available
- **Relative Density:** 1.516 – 1.524 at 20 °C
- **Water Solubility:** soluble
- **Partition Co-efficient: n-octanol/Water:** No data available
- **Auto-Ignition Temperature:** 340 °C - Relative self-ignition temperature for solids
- **Decomposition Temperature:** 160 °C

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- **Viscosity, Dynamic:** No data available
- **Viscosity, Kinematic:** No data available
- **Water/Oil Dist. Co eff.:** No data available
- **Molecular Weight:** 158.17 gm/mol

**9.2 Other information:**

- **Molecular Formula:** C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>.Ca

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

No data available

**10.2 Chemical stability:**

Stable under recommended storage conditions

**10.3 Possibility of hazardous reactions:**

No data available

**10.4 Conditions to avoid:**

Incompatible products. Excess heat. Avoid dust formation. Exposure to moist air or water.

**10.5 Incompatible materials:**

Strong oxidizing agents

**10.6 Hazardous decomposition products:**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**

LD50 Oral - Rat - male and female - 2.700 mg/kg

(OECD Test Guideline 401)

LC50 Inhalation - Rat - male and female - 4 h - > 5.6 mg/l

(OECD Test Guideline 403)

LD50 Dermal - Rabbit - female - > 20.000 mg/kg

(OECD Test Guideline 402)

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**Skin corrosion / irritation**

No data available

Skin - Rabbit

Result: No skin irritation - 4 h

(OECD Test Guideline 404)

**Serious eye damage / Eye irritation**

No data available

Eyes - Rabbit

Result: No eye irritation

(OECD Test Guideline 405)

**Respiratory or skin Sensitisation**

No data available

**Germ cell mutagenicity**

No data available

Mouse - male - Intratesticular

Result: negative

Remarks: (ECHA)

**Carcinogenicity**

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

**Teratogenicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**11.2 Further Information:**

Not available

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To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity:**

**Toxicity to fish**

No data available

**Toxicity to daphnia and other aquatic invertebrates**

No data available

**Toxicity to algae**

ErC50 - Skeletonema costatum (marine diatom) - > 1.000 mg/l - 72 h (ISO 10253)

**Toxicity to bacteria**

No data available

**12.2 Persistence and degradability:**

No data available

**12.3 Bioaccumulate potential:**

No data available

**12.4 Mobility in soil:**

No data available

**12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects:**

No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material



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with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging**

Dispose of as unused product.

**SECTION 14: TRANSPORT INFORMATION**

	<b>Land transport (ADR/RID)</b>	<b>Air transport (IATA)</b>	<b>Sea transport (IMDG)</b>
<b>14.1 UN number</b>	-		
<b>14.2 Proper shipping name</b>	Not dangerous goods		
<b>14.3 Class</b>	-		
<b>14.4 Packing group</b>	-		
<b>14.5 Environmentally Hazardous</b>	No		
<b>14.6 Special precautions for user</b>	-		
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	-		

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

REACH - Restrictions on the manufacture, : Not Applicable

placing on the market and use of certain dangerous substances,  
preparations and articles (Annex XVII)

**National Legislation**

Seveso III: Directive 2012/18/EU of the European : Not Applicable

Parliament and of the Council on the control of  
major-accident hazards involving dangerous substances.

**15.2 Chemical safety assessment:**

For this product a chemical safety assessment was not carried out.

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**SECTION 16: OTHER INFORMATION**

**Training advice**

Provide adequate information, instruction and training for operators.

**References:** Not available

**Created:** 13/11/2021

**Disclaimer:**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Finar Limited be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Finar Limited has been advised of the possibility of such damages.