

# Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Effective date : 12.28.2014

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## Calcium Acetate, Lab Grade

### SECTION 1 : Identification of the substance/mixture and of the supplier

**Product name :** Calcium Acetate, Lab Grade

**Manufacturer/Supplier Trade name:**

**Manufacturer/Supplier Article number:** S25218

**Recommended uses of the product and uses restrictions on use:**

**Manufacturer Details:**

AquaPhoenix Scientific  
9 Barnhart Drive, Hanover, PA 17331

**Supplier Details:**

Fisher Science Education  
15 Jet View Drive, Rochester, NY 14624

**Emergency telephone number:**

Fisher Science Education Emergency Telephone No.: 800-535-5053

### SECTION 2 : Hazards identification

**Classification of the substance or mixture:**

Not classified for physical or health hazards under GHS.

**Hazard statements:**

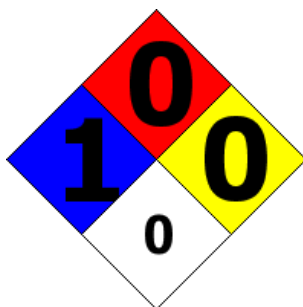
**Precautionary statements:**

**Combustible Dust Hazard: :**

May form combustible dust concentrations in air (during processing).

**Other Non-GHS Classification:**

**WHMIS  
NFPA/HMIS**



NFPA SCALE (0-4)

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	X

HMIS RATINGS (0-4)

### SECTION 3 : Composition/information on ingredients

**Ingredients:**

CAS 5743-26-0	Calcium Acetate Monohydrate	100 %
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Percentages are by weight

#### SECTION 4 : First aid measures

##### Description of first aid measures

**After inhalation:** Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. If not breathing give artificial respiration. Get medical assistance if cough or other symptoms appear.

**After skin contact:** Wash affected area with soap and water.

**After eye contact:** Protect unexposed eye. Rinse or flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing.

**After swallowing:** Do not induce vomiting. If victim is conscious and alert give 2-4 cupfuls of milk or water. Seek medical attention if irritation persists or if concerned.

##### Most important symptoms and effects, both acute and delayed:

Shortness of breath. Irritation. Nausea. Headache.;

##### Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

#### SECTION 5 : Firefighting measures

##### Extinguishing media

**Suitable extinguishing agents:** Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents:**

##### Special hazards arising from the substance or mixture:

##### Advice for firefighters:

**Protective equipment:** Wear protective eyewear, gloves, and clothing. Refer to Section 8.

**Additional information (precautions):** Avoid contact with skin, eyes, and clothing.

#### SECTION 6 : Accidental release measures

##### Personal precautions, protective equipment and emergency procedures:

##### Environmental precautions:

Prevent from reaching drains, sewer, or waterway.

##### Methods and material for containment and cleaning up:

Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Wear protective eyewear, gloves, and clothing. Refer to Section 8. If necessary use trained response staff or contractor. Absorb with suitable absorbent material such as sand or earth and containerize for disposal. Avoid generating dust. Always obey local regulations. Follow proper disposal methods. Refer to Section 13.

##### Reference to other sections:

#### SECTION 7 : Handling and storage

##### Precautions for safe handling:

Perform routine housekeeping to prevent dust generation. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Wash hands before breaks and immediately after handling the product. Wash hands and exposed skin with soap and plenty of water. Avoid contact with skin, eyes, and clothing. Do not eat, drink, smoke, or use personal products when handling chemical substances.

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#### Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a cool, dry, and well-ventilated area. Keep from contact with oxidizing materials. Store away from incompatible materials. Refer to Section 5 and 10. Store protected from moisture.

#### SECTION 8 : Exposure controls/personal protection



##### Control Parameters:

5743-26-0, Calcium Acetate Monohydrate, ACGIH TLV: NA, OSHA PEL: NA

##### Appropriate Engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Normal ventilation is adequate. Handle in accordance with good industrial hygiene and safety practice.

##### Respiratory protection:

Not required under normal conditions of use. Normal ventilation is adequate.

##### Protection of skin:

Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation.

##### Eye protection:

Safety glasses with side shields or goggles.

##### General hygienic measures:

Before wearing wash contaminated clothing. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Wash hands and exposed skin with soap and plenty of water. Keep away from food, beverages, and feed sources. Perform routine housekeeping to prevent dust generation.

#### SECTION 9 : Physical and chemical properties

<b>Appearance (physical state,color):</b>	White Solid	<b>Explosion limit lower: Explosion limit upper:</b>	Non Explosive Non Explosive
<b>Odor:</b>	Odorless	<b>Vapor pressure:</b>	Not Applicable
<b>Odor threshold:</b>	Not Applicable	<b>Vapor density:</b>	Not Applicable
<b>pH-value:</b>	7.6 (0.2M Solution)	<b>Relative density:</b>	Not Available
<b>Melting/Freezing point:</b>	160°C	<b>Solubilities:</b>	Partly Soluble in water. 44% at 0°C
<b>Boiling point/Boiling range:</b>	Not Applicable	<b>Partition coefficient (n-octanol/water):</b>	Not Applicable
<b>Flash point (closed cup):</b>	Not Applicable	<b>Auto/Self-ignition temperature:</b>	Not Applicable
<b>Evaporation rate:</b>	Not Applicable	<b>Decomposition temperature:</b>	>160°C
<b>Flammability (solid,gaseous):</b>	Not Applicable	<b>Viscosity:</b>	a. Kinematic: Not Applicable b. Dynamic: Not Applicable

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**Density:** Not Available  
**Molecular Weight:** :176.133 g/mol

#### SECTION 10 : Stability and reactivity

**Reactivity:**None under normal processing.

**Chemical stability:**Stable under normal conditions.

**Possible hazardous reactions:**None under normal processing.

**Conditions to avoid:**exposure to moist air or water.Incompatible Materials.

**Incompatible materials:**moisture.Strong oxidizing agents.Strong acids.Strong Bases.

**Hazardous decomposition products:**Calcium oxides.Carbon oxides.

#### SECTION 11 : Toxicological information

##### Acute Toxicity:

<b>Oral:</b>	4,280 mg/kg	LD50 Rat
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**Chronic Toxicity:** No additional information.

**Corrosion Irritation:** No additional information.

<b>Sensitization:</b>	No additional information.
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<b>Single Target Organ (STOT):</b>	No additional information.
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<b>Numerical Measures:</b>	No additional information.
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<b>Carcinogenicity:</b>	No additional information.
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<b>Mutagenicity:</b>	No additional information.
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<b>Reproductive Toxicity:</b>	No additional information.
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#### SECTION 12 : Ecological information

**Ecotoxicity Persistence and degradability:**

**Bioaccumulative potential:**

**Mobility in soil:**

**Other adverse effects:**

#### SECTION 13 : Disposal considerations

##### Waste disposal recommendations:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.

Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

#### SECTION 14 : Transport information

**UN-Number**

**UN proper shipping name**

**Transport hazard class(es)**

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**Packing group:**

**Environmental hazard:**

**Transport in bulk:**

**Special precautions for user:**

#### SECTION 15 : Regulatory information

##### United States (USA)

###### **SARA Section 311/312 (Specific toxic chemical listings):**

None of the ingredients is listed

###### **SARA Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed

###### **RCRA (hazardous waste code):**

None of the ingredients is listed

###### **TSCA (Toxic Substances Control Act):**

5743-26-0 None of the chemicals in this material have a SNUR under TSCA.

###### **CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):**

None of the ingredients is listed

##### Proposition 65 (California):

###### **Chemicals known to cause cancer:**

None of the ingredients is listed

###### **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed

###### **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed

###### **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed

##### Canada

###### **Canadian Domestic Substances List (DSL):**

5743-26-0 These chemicals are not on Canada's DSL list.

###### **Canadian NPRI Ingredient Disclosure list (limit 0.1%):**

None of the ingredients is listed

###### **Canadian NPRI Ingredient Disclosure list (limit 1%):**

None of the ingredients is listed

#### SECTION 16 : Other information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this

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material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

#### **GHS Full Text Phrases:**

#### **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

PNEC: Predicted No-Effect Concentration (REACH)

CFR: Code of Federal Regulations (USA)

SARA: Superfund Amendments and Reauthorization Act (USA)

RCRA: Resource Conservation and Recovery Act (USA)

TSCA: Toxic Substances Control Act (USA)

NPRI: National Pollutant Release Inventory (Canada)

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

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