



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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(716) 226-6177

MSDS No. CC 38  
Effective Date February 1, 1999

## SECTION V HEALTH HAZARD DATA

CC 38

### Threshold Limited Value

Nuisance dusts. OSHA PEL/TWA: Total 15 mg/m<sup>3</sup>; respirable 5 mg/m<sup>3</sup>.  
TLV/TWA; Total 10 mg/m<sup>3</sup>; respirable 5 mg/m<sup>3</sup>.

### Effects of Overexposure

**INHALATION:** Of dust or mist may irritate respiratory tract. **EYE OR SKIN CONTACT:** May irritate. **INGESTION:** No data available. Considered to be of low toxicity.

### Emergency and First Aid Procedures

**INHALATION:** Remove to fresh air. If illness or discomfort develops, get medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention. **SKIN:** Flush with water, then wash with mild soap and water. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and call a physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable	Stable	Conditions to Avoid
		X	Excessive temperature, heat and moisture.

Incompatibility (Materials to Avoid)	Strong oxidizers. Contact with moisture may cause heat to be generated.
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Hazardous Decomposition Products	Combustion may produce carbon dioxide and carbon monoxide.
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Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
	Not applicable.

## SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Recover if possible for reuse. Sweep up and place in a suitable container for proper disposal. Avoid making dust. Wear proper safety equipment. Wash spill area with soap and water.
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Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.
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Dispose of in an approved incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal agency.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory handling. If dusty condition prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask.
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber if irritancy is experienced.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, smock, apron, proper gloves, eye wash station, ventilation hood.
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## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place. Wash thoroughly after handling.
Keep container tightly closed when not in use.	

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Avoid contact with skin and eyes.  
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision	No. 6	Date	2/1/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards. Printed on recycled paper.

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	CALCIUM ACETATE, MONOHYDRATE
Chemical Synonyms	Lime acetate, Calcium diacetate
Formula	Ca(CH <sub>3</sub> CO <sub>2</sub> ) <sub>2</sub> •H <sub>2</sub> O
Unit Size	up to 2.5 Kg.
C.A.S. No.	5743-26-0

CHEMTREC  
800-424-9300  
Day 716-226-6177

NFPA  
HAZARD RATING  
LEAST SLIGHT MODERATE HIGH EXTREME  
0 1 2 3 4

Health	1
Fire	1
Reactivity	0

HMIS \*

0	1	2	3	4
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## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Calcium Acetate	100%	See Section V.
CAUTION! MAY CAUSE IRRITATION TO SKIN AND EYES.		

## SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H <sub>2</sub> O = 1)	0.3 (Anhydrous)
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (≈1)	Not applicable.
Vapor Density (Air=1)	Unknown.		
Solubility in Water	43.6 grams per 100 mL. water at 0°C.		
Appearance & Odor	White powder; slight odor of acetic acid. Hygroscopic.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Carbon dioxide, dry chemical, foam.				

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved, self-contained breathing apparatus and full protective clothing.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Dusts can be explosive under certain conditions. Decomposes on heating above 320°F to form highly flammable acetone and calcium carbonate; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20