



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. LL 170
Effective Date March 22, 1999

SECTION V HEALTH HAZARD DATA

LL 170

Threshold Limited Value

None established for Limewater. TWA for Calcium Hydroxide
[CAS No. 1305-62-0] 5 mg/m³ as nuisance dust. (ACGIH 1992-93).

Effects of Overexposure

SKIN: Contact with skin may cause skin irritation. **EYES:** Contact with eyes may cause eye irritation. **INGESTION:** Low hazard at this dilution.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention. **SKIN:** Flush skin with water. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and call physician. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Absorbs carbon dioxide from air. Solution when heated becomes turbid.
	Stable	X		

Incompatibility (Materials to Avoid)	Acids, carbon dioxide.
--------------------------------------	------------------------

Hazardous Decomposition Products	Calcium Oxide.
----------------------------------	----------------

Hazardous Polymerization		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Flush to sewer with copious amounts of water or absorb on paper, vermiculite or other absorbent and dispose of in a sanitary landfill.
---	--

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.
-----------------------	--

Flush to sewer with copious amounts of water.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		None needed.	
Ventilation	Local Exhaust	None needed.	Special
	Mechanical (General)	None needed.	Other
Protective Gloves		None should be needed.	Eye Protection
Other Protective Equipment		Goggles, eye wash station, lab coat.	Chemical safety glasses.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool place. Wash thoroughly after handling.
---	---

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
-------------------	---

Remove and wash contaminated clothing.

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

Revision	No. 5	Date	3/22/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
----------	-------	------	---------	----------	-----------------	-----------------------------	----

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	LIMEWATER	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 0 1 2 3 4
Chemical Synonyms	Calcium Hydroxide Solution	
Formula	Mixture.	
Unit Size	up to 3.785 Lt	
C.A.S. No.	Mixture.	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Calcium Hydroxide: (CAS No. 1305-62-0)	0.14%	See Section V.
Water: (CAS No. 7732-18-5)	99.86%	None established.
(LOW HAZARD COMPOUND).		

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes approx. 0°C (32°F)	Specific Gravity (H ₂ O = 1)	Approx. 1.00
Boiling Point (°F)	Approx. 100°C (212°F)	Percent Volatile by Volume (%)	99.86%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Calcium Hydroxide water saturated solution 0.14%		
Appearance & Odor	Clear, colorless or cloudy white water solution; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES

Wear a NIOSH/MSHA-approved, self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

No known hazards.

D.O.T. NON-REGULATED.

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