



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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(716) 226-6177

MSDS No. LL154  
Effective Date March 22, 1999

## SECTION V HEALTH HAZARD DATA

LL 154

### Threshold Limited Value

None established for this material.

### Effects of Overexposure

Low hazard for usual laboratory handling. May cause eye irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available.

### Emergency and First Aid Procedures

**EYES:** Flush with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation occurs, get medical attention. **SKIN:** Flush with soap and water. **INGESTION:** If conscious, give several glasses of water to drink. If discomfort or illness develop, get medical attention. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat to cause evaporation.
	Stable	X		

Incompatibility (Materials to Avoid)	None known.
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Hazardous Decomposition Products	None known.
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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

Absorb with inert dry material and place in suitable container for proper disposal. Wash spill area thoroughly with soap and water.

### 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.

Dispose of in an approved chemical landfill or contract with a licensed waste disposal agency.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA approved respirator.			
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Ventilation	Local Exhaust	Not required	Special	No
	Mechanical (General)	Not required	Other	No

Protective Gloves	Rubber, if needed.	Eye Protection	Chemical safety glasses
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Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves, 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.

### Other Precautions

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

There is insufficient data in the published literature to recommend complete laboratory protective equipment for this material. Avoid prolonged or repeated contact with skin or eyes.

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

Revision No. 2	Date 3/22/99	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	LEMON JUICE	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	0	Fire	0	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	0																	
Fire	0																	
Reactivity	0																	
Chemical Synonyms	N/A																	
Formula	N/A																	
Unit Size	up to 3.785 Lt																	
C.A.S. No.	None assigned																	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Lemon Juice	100 %	None established

NOT A HAZARDOUS MATERIAL. NON-TOXIC.

## SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	100 %
Vapor Pressure (mm Hg)	N/A	Evaporation Rate ( =1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Soluble		
Appearance & Odor	Clear to yellow liquid; lemon odor		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable	Flammable Limits in Air % by Volume	Lower	Upper
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Extinguisher Media	Use any media suitable for extinguishing supporting fire.
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### SPECIAL FIREFIGHTING PROCEDURES

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

### UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

D.O.T.	NON REGULATED
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20