



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. LL 65
Effective Date March 19, 1999

SECTION V HEALTH HAZARD DATA

LL 65

Threshold Limited Value

None established by (ACGIH 1992-93).

Effects of Overexposure

INHALATION: May cause irritation, sore throat, coughing. **INGESTION:** LD50: 10 grams/KG (ALBINO RATS). **EYE CONTACT:** Causes corneal opacity and moderate conjunctivitis. **SKIN CONTACT:** May cause irritation, dermatitis.

Emergency and First Aid Procedures

INGESTION: If swallowed, if conscious, give one or two glasses of water to drink. Induce vomiting and call physician. Never give anything by mouth to an unconscious person. **SKIN:** Flush with mild soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Avoid contact with strong oxidizing agents and strong alkalis.
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Hazardous Decomposition Products	Combustion will produce carbon dioxide, smoke and probably emits carbon monoxide.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Remove all sources of ignition. Sweep up and place in a suitable container for disposal. Reclaim where possible. 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 after and scrubber.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory use. Wear a NIOSH/MSHA-approved dust mask if needed or work in ventilation hood.
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Ventilation	Local Exhaust	None needed.	Special	No.
	Mechanical (General)	If dusty.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Lab coat, eye wash station, fire extinguisher, goggles, 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 away from fire hazards and strong oxidizing materials. Wash thoroughly after handling. Do not breathe dust. Use with adequate ventilation.
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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, eyes and clothing. Keep container tightly closed. Remove and wash contaminated clothing.

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

Revision	No. 7	Date	3/19/99	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	LAURIC ACID
Chemical Synonyms	Dodecanoic Acid
Formula	CH ₃ (CH ₂) ₁₀ CO ₂ H
Unit Size	up to 2.5 Kg.
C.A.S. No.	143-07-7

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

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

Health	0
Fire	1
Reactivity	1

HMIS *

3	4
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SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Lauric Acid	99%	None established.

CAUTION! MILD IRRITANT TO SKIN,

EYES AND MUCOUS MEMBRANES.

SECTION III PHYSICAL DATA

Melting Point (°F)	43°C (109°F)	Specific Gravity (H ₂ O = 1)	0.89 @ 75°/25°C
Boiling Point (°F)	190°C (374°F) @ 10 mm	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	50 mm @ 210°C	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Insoluble in water.		
Appearance & Odor	White, waxy solid. Fatty acid odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	320°F (160°C) (COC)	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray; carbon dioxide; foam; dry chemical (ABC).				

SPECIAL FIREFIGHTING PROCEDURES

Melted Lauric acid should be handled like a grease fire with knowledge that it can float on water and spread. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat can produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

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