



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. LL 180
Effective Date March 22, 1999

SECTION V HEALTH HAZARD DATA

LL 180

Threshold Limited Value

None established. (ACGIH 1992-93).

Effects of Overexposure

Boiled linseed oil (e.g., treated with drier and heated to enhance the oils ability to react with oxygen and form a hard film) is more dangerous and should never be taken internally, because lead and other toxic elements (e.g., manganese, cobalt) have usually been added. **INHALATION:** None indicated. **SKIN:** May cause allergic reaction. **EYES:** No specific hazard known. Contact may cause irritation. Exercise appropriate procedures to minimize potential hazards.

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. **EYES:** Flush thoroughly with water for 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention. **SKIN:** Flush with water, then wash with soap and water. **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	Exposure to air. Excessive temperatures, heat.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizers.
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Hazardous Decomposition Products	Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide.
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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 spill with an inert dry material and place in a suitable container for disposal. 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.

SECTION VIII SPECIAL PROTECTION INFORMATION

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

Protective Gloves	Rubber if sensitive.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Smock, apron, eye wash station, fire extinguisher.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from strong oxidizing materials and fire hazards. 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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Remove and wash contaminated clothing.

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

Revision	No. 4	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	LINSEED OIL, BOILED
Chemical Synonyms	Flaxseed Oil
Formula	Mixture (Natural Product)
Unit Size	up to 3.785 Lt.
C.A.S. No.	8001-26-1

1
0 0

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

NFPA
HAZARD RATING
LEAST SLIGHT MODERATE
0 1 2

Health 1
Fire 1
Reactivity 1

HMIS *
HIGH EXTREME
3 4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Linseed Oil, Boiled	100%	None established.

WARNING! COMBUSTIBLE.

MAY BE HARMFUL IF SWALLOWED.

SECTION III PHYSICAL DATA

Melting Point (°F)	-19°C (-2.0°F)	Specific Gravity (H ₂ O = 1)	0.931-0.936
Boiling Point (°F)	316°C+ (600°F+)	Percent Volatile by Volume (%)	Data not available.
Vapor Pressure (mm Hg)	Data not listed.	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Water insoluble.		
Appearance & Odor	Yellow-brown or amber colored, light oily liquid; peculiar odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	403°F (206°C) cc	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Carbon dioxide (CO ₂); dry chemical; water spray; foam.				

SPECIAL FIREFIGHTING PROCEDURES

Water spray may be used to flush spills away from exposures and to dilute spills to non-flammable mixtures. Wear a NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.

Ignition Temperature: 650°F (343°C).

UNUSUAL FIRE AND EXPLOSION HAZARDS

Oily clothes should be spread to dry or burned promptly after use. Develops heat spontaneously; slight fire risk. Fire or excessive heat may 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