



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. CC 440
Effective Date February 11, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	CORN OIL	 <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>1</td> </tr> <tr> <td>Reactivity</td> <td>1</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	0	Fire	1	Reactivity	1
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	0																	
Fire	1																	
Reactivity	1																	
Chemical Synonyms	Maize Oil; Mazola																	
Formula	Natural Product																	
Unit Size	500 mL. ; 1, 4 Liter																	
C.A.S. No.	8001-30-7																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Corn Oil	100%	None established.
LOW HEALTH HAZARD FOR USUAL LABORATORY		
HANDLING AT ROOM TEMPERATURE.		

SECTION III PHYSICAL DATA

Melting Point (°F)	-10°C (14°F)	Specific Gravity (H ₂ O = 1)	0.916-0.921
Boiling Point (°F)	Not determined.	Percent Volatile by Volume (%)	Negligible @ 25°C.
Vapor Pressure (mm Hg)	None listed.	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	Unknown.		
Solubility in Water	Insoluble.		
Appearance & Odor	Clear, yellow oil; faint characteristic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	490°F (254°C) (cc)	Flammable Limits in Air % by Volume	Unknown	Lower	Upper
Extinguisher Media	Carbon dioxide (CO ₂); dry chemicals (ABC); water spray; halon.				

SPECIAL FIREFIGHTING PROCEDURES	<p>Water or foam may cause frothing. In fire conditions, wear a NIOSH-MSHA-approved self-contained breathing apparatus.</p> <p>Ignition Temperature: 740°F (393°C).</p>
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UNUSUAL FIRE AND EXPLOSION HAZARDS	<p>Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials. Slight fire hazard when exposed to heat or flame.</p>
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D.O.T. **NON-REGULATED.**

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

SECTION V HEALTH HAZARD DATA

CC 440

Threshold Limited Value	None established (ACGIH 1992-93).
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Effects of Overexposure	<p>No ill effects are expected in normal handling at room temperatures.</p> <p>IRRITATION DATA: 300 mg/3 days intermittent skin - human mild irritation. INGESTION: AT INCREASED RISK FROM EXPOSURE: Persons with gallbladder disease or diabetes.</p>
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Emergency and First Aid Procedures	None should be required in normal handling at room temperatures.
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SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	On prolonged exposure to air it thickens or becomes rancid.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizers.
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Hazardous Decomposition Products	Combustion will produce carbon dioxide, smoke and probably emits carbon monoxide and irritating fumes.
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Hazardous Polymerization	Conditions to Avoid	Not applicable.		
	<table border="1"> <tr> <td>May Occur</td> <td>Will Not Occur</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>		May Occur	Will Not Occur
May Occur	Will Not Occur			
	X			

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Absorb in vermiculite, sand or earth. Scoop up and place in a suitable container.
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Waste Disposal Method	<p>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.</p> <p>Dispose of in an approved incinerator.</p>
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None required in normal handling at room temperatures.
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Ventilation	Local Exhaust	None needed.	Special	No.
	Mechanical (General)	None needed.	Other	No.

Protective Gloves	None needed.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Smock, apron, eye wash station, and a fire extinguisher.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Protect from exposure to air and light. Store in a cool place away from oxidizers and fire hazards. Wash thoroughly after handling.
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Other Precautions	<p>Read label on container before using. Do not wear contact lenses when working with chemicals.</p> <p>Remove and wash contaminated clothing before reuse.</p>
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 5	Date 2/11/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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