



**ALDON
CORPORATION**

MATERIAL SAFETY DATA SHEET

1533 W.Henrietta Rd.
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MSDS No. CC 440
Effective Date February 11, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	CORN OIL	<div><div><div>1</div><div>0</div><div>0</div><div>0</div></div><div>CHEMTREC 800-424-9300 Day 716-226-6177</div><div>NFPA HAZARD RATING LEAST SLIGHT MODERATE 0 1 2</div><div>HMIS * HIGH EXTREME 3 4</div></div>
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

Water or foam may cause frothing. In fire conditions, wear a NIOSH-MSHA-approved self-contained breathing apparatus.

Ignition Temperature: 740°F (393°C).

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials. Slight fire hazard when exposed to heat or flame.

SECTION V HEALTH HAZARD DATA

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Threshold Limited Value

None established (ACGIH 1992-93).

Effects of Overexposure

No ill effects are expected in normal handling at room temperatures. **IRRITATION DATA:** 300 mg/3 days intermittent skin - human mild irritation. **INGESTION: AT INCREASED RISK FROM EXPOSURE:** Persons with gallbladder disease or diabetes.

Emergency and First Aid Procedures

None should be required in normal handling at room temperatures.

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.		
Hazardous Decomposition Products			Combustion will produce carbon dioxide, smoke and probably emits carbon monoxide and irritating fumes.	
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

Absorb in vermiculite, sand or earth. Scoop up and place in a suitable container.

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 incinerator.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None required in normal handling at room temperatures.			
Ventilation	Local Exhaust	None needed.	Special	No.
	Mechanical (General)	None needed.	Other	No.
Protective Gloves	None needed.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Smock, apron, eye wash station, and a fire extinguisher.			

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.

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.

Remove and wash contaminated clothing before reuse.

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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