



**ALDON
CORPORATION**

MATERIAL SAFETY DATA SHEET

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MSDS No. CC 445
Effective Date February 11, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	COTTONSEED OIL, REFINED	<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 HIGH EXTREME 0 1 2 3 4</div><div>HMIS * 0 1 2 3 4</div></div>	Health	0
Chemical Synonyms	Polyunsaturated Oil		Fire	1
Formula	Natural Product		Reactivity	0
Unit Size	up to 4 Lt.			
C.A.S. No.	8001-29-4			

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Cottonseed Oil	100%	None established.
CAUTION! COMBUSTIBLE. MAY IGNITE ON HEATING.		

SECTION III PHYSICAL DATA

Melting Point (°F)	-5°C (23°F)	Specific Gravity (H ₂ O = 1)	0.915-0.921 @ 25°C
Boiling Point (°F)	>232°C (>450°F)	Percent Volatile by Volume (%)	Negligible at 25°C
Vapor Pressure (mm Hg)	Not listed.	Evaporation Rate (Ether =1)	Greater than 1.
Vapor Density (Air=1)	Unknown.		
Solubility in Water	Insoluble.		
Appearance & Odor	Pale yellow oil; faint characteristic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	486°F (252°C) (c.c.)	Flammable Limits in Air % by Volume	Lower	Upper
Extinguisher Media	Carbon dioxide (CO ₂); dry chemical (ABC); water spray.	Unknown		

SPECIAL FIREFIGHTING PROCEDURES

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

Ignition Temperature: 650°F (343°C).

UNUSUAL FIRE AND EXPLOSION HAZARDS

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

SECTION V HEALTH HAZARD DATA

CC 445

Threshold Limited Value

None established by ACGIH 1992-93.

Effects of Overexposure

No ill effects are expected in normal handling at room temperatures. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

None should be required in normal handling at room temperatures. **EYES:** Rinse thoroughly with warm water for 15 minutes, lifting upper and lower eyelids occasionally. **SKIN:** Wash with soap and water. If irritation develops or persists, consult physician.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Excessive temperature and heat.
	Stable	X	
Incompatibility (Materials to Avoid)	Strong oxidizers.		
Hazardous Decomposition Products	Combustion will produce carbon dioxide, smoke and probably emits carbon monoxide.		
Hazardous Polymerization	Conditions to Avoid		
May Occur	Will Not Occur		
	X	Not applicable.	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Absorb with an inert dry material, sweep up and place in a suitable container for disposal. Wash spill area 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 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, fire extinguisher.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing

Keep container tightly closed when not in use.

Store in a cool, dry place away from oxidizers and fire hazards. Wash thoroughly after handling.

Other Precautions

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

Solidification Range 31-35°C.
Remove and wash contaminated clothing.

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