



**ALDON
CORPORATION**

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. CC 375
Effective Date February 11, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	COCONUT 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 HIGH EXTREME 0 1 2 3 4</div><div>HMIS * Health 0 Fire 1 Reactivity 0</div></div>
Chemical Synonyms	Copra Oil	
Formula	Glycerin Ester of C ₆ -C ₁₈ Fatty acids.	
Unit Size	up to 4 Lt.	
C.A.S. No.	8001-31-8	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Coconut Oil	100%	None established.
CAUTION! COMBUSTIBLE.		

SECTION III PHYSICAL DATA

Melting Point (°F)	21°-25°C (69°-77°F)	Specific Gravity (H ₂ O = 1)	0.922-0.926 @ 25°C
Boiling Point (°F)	Greater than 232°C (450°F)	Percent Volatile by Volume (%)	Negligible.
Vapor Pressure (mm Hg)	Less than 1 mm.	Evaporation Rate (n-Butyl Ac. = 1)	Greater than 1.
Vapor Density (Air=1)	Unknown.		
Solubility in Water	Insoluble in water.		
Appearance & Odor	Clear, light color to yellow liquid at 80°F; bland odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	287°C (548°F)	Flammable Limits in Air % by Volume	Lower	Upper
Extinguisher Media	Foam; carbon dioxide (CO ₂); dry chemical (ABC); water fog.	Unknown		

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved, self-contained breathing apparatus and full protective clothing.

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

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Threshold Limited Value

None established (ACGIH 1992-93).

Effects of Overexposure

Low hazard hazard for usual laboratory handling at room temperature. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water. Get medical attention.
SKIN: If burned with hot oil, flush with water and get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable Stable	Conditions to Avoid	Excessive temperature and heat.
Incompatibility (Materials to Avoid)	X	Strong bases, acids, oxidizing agents.	
Hazardous Decomposition Products		Possibly acrolein at high temperatures.	
Hazardous Polymerization	May Occur Will Not Occur	Conditions to Avoid	Not applicable.
	X		

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 below 150°F.			
Ventilation	Local Exhaust	Yes - for heated oil.	Special	No.
	Mechanical (General)	Yes - for heated oil.	Other	No.
Protective Gloves	None required at room temperature.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Safety glasses, smock, apron, fire extinguisher, eye wash station.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing

Store in a cool, dry place away from heat and strong oxidizing materials. Wash thoroughly after handling.

Other Precautions

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

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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