



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. CC 375
Effective Date February 11, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	COCONUT OIL	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4</p> <p>HMIS * HEALTH FIRE REACTIVITY 0 1 0</p>
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	Unknown	Lower	Upper
Extinguisher Media	Foam; carbon dioxide (CO ₂); dry chemical (ABC); water fog.				

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.

D.O.T. **NON-REGULATED.**

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

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 X
Conditions to Avoid Excessive temperature and heat.

Incompatibility (Materials to Avoid) Strong bases, acids, oxidizing agents.

Hazardous Decomposition Products Possibly acrolein at high temperatures.

Hazardous Polymerization
 May Occur Will Not Occur X
Conditions to Avoid 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 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.
 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.

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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