

ULTRACHEM INC.
900 CENTERPOINT BLVD.
NEW CASTLE, DE 19720
(302) 325-9880

MATERIAL SAFETY DATA SHEET

CHEMLUBE® 229

EFFECTIVE DATE: 6/8/05

SUPERCEDES: 8/21/03

I. PRODUCT IDENTIFICATION:

Trade Name: Chemlube 229
Chemical Name: Diester
Chemical Family: Fatty Acid Ester

II. COMPONENTS & HAZARD STATEMENT:

This product is non-hazardous. The product contains no known carcinogens. No special warning labels are required under OSHA CFR 1910.1200.

III. PHYSICAL DATA:

Viscosity: 40 cSt. @ 40°C
Specific Gravity (Water = 1.0): 0.91
Boiling Point: Not Determined
Vapor Pressure: Negligible
Appearance & Odor: Liquid; Straw Color; Bland Odor
Solubility in Water: Negligible
Other Data: Non-toxic USDA H-2 approved

IV. FIRE & EXPLOSION HAZARD DATA:

Flash Point, ASTM D92: 500°F
Autoignition Temperature: Not Determined
Flammability Limits: Not Established
Extinguishing Media: Dry Chemical; CO₂ Foam; Water Spray
Special Fire Fighting Procedure: Burning may produce irritating/noxious fumes. Firefighters should use NIOSH/MNSA approved self-contained breathing apparatus. Use water to cool fire-exposed containers to prevent pressure build-up.

V. REACTIVITY DATA:

Stability: This product is stable and will not react with water.
Materials to Avoid: Avoid strong oxidizers
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide

VI. HEALTH INFORMATION:

Eye Contact: Flush eyes with water for 15 minutes. Call a physician if irritation develops.
Skin Contact: Wash skin with soap and water.
Inhalation: Remove to fresh air.
Ingestion: First aid not normally required. If uncomfortable, call physician.

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VII. HEALTH HAZARD DATA:	
Exposure Limits:	Not applicable
Effects of Overexposure:	Low oral and dermal toxicity. Prolonged or repeated exposure may cause irritation, nausea, and vomiting.

VII. EMPLOYEE PROTECTION:	
For general personal hygiene, wash hands thoroughly after handling material. Avoid contact with skin and eyes.	
Chemical impervious gloves are recommended for prolonged exposure.	
Use in a well ventilated area	

VIII. STORAGE, SPILL & DISPOSAL PROCEDURES:	
Storage:	Store in clean, dry area.
Spills:	Use absorbent materials to soak up fluid.
Disposal:	Incinerate this product and all associated wastes in a licensed facility in accordance with Federal, state, and local regulations.

IX. HAZARD RATING INFORMATION:			
	HMIS	KEY	
Health:	1	4=Severe	0=Minimal
Flammability:	1	3=Serious	
Reactivity:	0	2=Moderate	B=Gloves, Goggles
Personal Protection:	B	1=Slight	

This information contained herein is based on the data available to us and is believed to be true and accurate. Ultrachem makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Ultrachem assumes no responsibility for injury from the use of this product.

For Additional Information:

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