

MSDS# POE-100
Date: 06/2/08

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Pro-Lube 100

SECTION 1. PRODUCT NAME

Catalog No. POE-100
Distributed By: Specialty Chemical Manufacturing
Address: 1633-B High Bridge Road, Quincy, FL 32351
Chem-Tel Phone: (800) 255-3924 – (Chemical Emergencies Only)
Phone Number for Information: (678) 542-3600
Fax: (678)-542-3700
Date Revised: 1 February, 2005
Name of Preparer: Anthony Jernigan

SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	OSHA PEL	ACIGH TLV	OTHER STEL	% or Range
Ingredients not hazardous					100 %
	Not required				

SECTION 3. POTENTIAL HEALTH EFFECTS FROM OVEREXPOSURE

Eye: May cause eye irritation.
Inhalation: If sprayed or misted may cause chemical pneumonitis. Product is not toxic by inhalation.
Ingestion: Do Not Take Internally. Low toxicity if ingested, may cause nausea and diarrhea.
Skin: Minimally irritating. Prolonged contact can cause dermatitis. To the best of our knowledge, the toxicological properties of these compounds have not been fully investigated. Analogous compounds are considered to be essentially non-toxic.

SECTION 4. FIRST AID PROCEDURES

Eye: Copious warm water flush-15 minutes. Consult a physician if irritation.
Skin: Remove contaminated clothing-Laundry or dry clean clothes before reuse. Dispose of leather articles.
Inhalation: Evacuate to a safe area with plenty of fresh air. Allow victim to rest in a well ventilated area then seek medical aid immediately.
Ingestion: DO NOT induce vomiting. Force fluids. Call the nearest Poison Control Center for medical advice.

SECTION 5. FIRE FIGHTING PROCEDURES

This product is combustible
Flash Point: 230-300°C
Lower Explosive Limit: Not Applicable
Unusual Hazards: Burning fluid may evolve irritating/noxious fumes.
Extinguishing Agents: Dry chemical, CO foam, water fog
Protective Clothing: Fire-fighters should use NIOSH/MNSA approved self-contained breathing apparatus and full protective gear.
Fire-Fighting Procedures : Use water fog to cool fire exposed containers. USE WATER CAREFULLY NEAR EXPOSED/BURNING LIQUIDS. May cause frothing and splashing of hot material.

SECTION 6. SPILL OR LEAK HANDLING PROCEDURES

Personal Protection: Wear protective clothing including splash goggles, rubber gloves and rubber overshoes. Remove all contaminated clothing promptly.
Procedures: Floor may be slippery: use care to avoid falling. Contain spill immediately with inert material (e.g. sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.
CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

SECTION 7. HANDLING AND STORAGE

Avoid contact with eyes, skin and clothing. Ensure that containers are properly secured before moving.
Keep container closed and keep away from oxidizing materials. Store in a cool-well ventilated area. Product is hygroscopic. Storage under Nitrogen is highly recommended. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. For work on tanks, refer to Occupational Safety and Health Administration regulations, ANSI Z49.1, and other governmental and industrial references that pertain to cleaning, repairing, welding, or other contemplated operations.

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SECTION 8. COMPONENT EXPOSURE LIMITS & PERSONAL PROTECTION

Carcinogenic

No components of this mixture have been determined to be carcinogens.

Personal Protection Measures

Eye: Safety glasses (ANSI Z8 7.1) or ap proved equivalent.

Skin: Strongly recommend protective gloves, especially for prolonged exposures. Gloves should be removed immediately if there is any indication of degradation or chemical breakthrough. Wear long sleeved clothing to minimize skin contact.

Inhalation: Use in well ventilated area. If mist is being generated, and exceeds the TWA/TLV listed above then a respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

Flash Point: COC 230-300°C

Fire Point: N.D.

Vapor Density (Air=1): N/A

Vapor Pressure: 0.01mm of Hg (@ 20C)

Solubility in Water: Insoluble in cold water

Appearance and Odor: Clear gray to yellow or light brown tint liquid with a mild distinct odor.

Specific Gravity (Water=1): 0.94-0.97

Melting Point (Pour Point): 0

Viscosity: SUS 100-2400

Boiling Point: >250°C

SECTION 10. STABILITY & REACTIVITY

Stability: Stable

Conditions to Avoid: Excessive heat, formation of oil mist.

Materials to Avoid: Strong oxidizers, caustic or acidic solutions such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, smoke on combustion, COx, etc.

Hazardous Decomposition:

Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified fragments when burned. See Section 5.

Hazardous Polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity data for a similar material is listed below

Skin irritation: May cause irritation and possible dermatitis.

Eye Irritation: Slight irritation.

SECTION 12. WASTE DISPOSAL

Incinerate this product and all associated wastes in a licensed facility in accordance with Federal, State, and local regulations.

SECTION 13. REGULATORY INFORMATION

Degree of Hazard	NFPA	HMIS	Hazard Ratings
Health	0	0	0=Insignificant
Fire	1	1	1=Moderate
Reactivity	0	0	2=High
Specific Hazards	None		3=Extreme
Personal Protection Index	B		4=Extreme

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SECTION 14. TRANSPORT INFORMATION

This product is non-hazardous. The product contains no known carcinogens. No special warning labels are required under OSHA 29CFR 1910.1200. OSHA hazard warning are not applicable for this product. Therefore no OSHA Warnings would appear on the label. No EPA hazard classification code.

DOT Hazard Label: None

TSCA: All ingredients are TSCA approved.

SARA TITLE III Reporting Requirements:

Section 302: EHS reporting not required

Section 304: Hazardous releases reporting not required

Section 311: Community Right To Know reporting is required if the inventory is above the Threshold

Planning Quantity

Section 312: R-T-K Inventory data reporting required for inventory above the TPQ

Section 313: Emissions and release reporting may be required for users of this product within the manufacturing sector. This does not apply to service companies.

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.