

Product: U Joint and Gimbal Bearing Lubricant**Product #:** 92-802870A 1, 92-802871A 1**SECTION I - MANUFACTURER INFORMATION**

Name:	Mercury Marine	Emergency:	800-424-9300 (ChemTrec)
Address:	W6250 W. Pioneer Rd. PO Box 1939 Fond du Lac WI 54936-1939	Information:	920-929-5418
		Date Prepared:	03-07-88
		Revised:	11-14-95

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
Petroleum Distillates:	5mg/m ³ **	5mg/m ³ **		>96
Hydrotreated Heavy Paraffinic (64742-54-7)				
Solvent-Dewaxed Heavy Paraffinic (64742-65-0)				
Lithium Complex Soap Thickener (Mixture)	N/D	N/D		>4
Proprietary Additives (Mixture)	N/D	N/D		>4

* Specific Chemical Identity, Common Name (CAS)

**Exposure limit for total product - oil mist (aerosol) for an 8-hour workday.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 730°F (ASTM D 2887)	Specific Gravity (H₂O=1): .93
Vapor Pressure (mmhg): < .01	Melting Point: 580°+
Vapor Density (Air=1): > 5	Evaporation Rate: < .01 (Butyl Acetate=1)
Solubility in Water: Negligible	
Appearance and Odor: Smooth dark green grease; mild, bland odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA**Flash Point (Method Used):** 475°F (COC)**Flammable Limits:** LEL - 0.9% UEL - 7%**Extinguishing Media:** Foam, water spray (fog), dry chemical, Carbon Dioxide**Special Fire Fighting Procedures:** Use water to keep fire-exposed containers cool. Use water spray to disperse the vapors and provide protection for people attempting to stop a leak if a leak or spill has not ignited. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapors, fumes, or decomposition products. Use SCBA for enclosed or confined spaces or as otherwise needed.**Unusual Fire and Explosion Hazards:** Empty containers retain residue 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.**SECTION V - REACTIVITY DATA****Stability:** Unstable () Stable (X)**Conditions to Avoid:** Contact with strong oxidants such as liquid Chlorine, concentrated Oxygen, Sodium Hypochlorite, or Calcium Hypochlorite.**Incompatibility (Materials to Avoid):** See Conditions to Avoid**Hazardous Decomposition or Byproducts:** Fumes, smoke, Carbon Monoxide, Sulfur oxides, Nitrogen oxides, metal oxides, aldehydes in the case of incomplete combustion.**Hazardous Polymerization:** May Occur () Will Not Occur (X)**ADDITIONAL INFORMATION**

Mercury Marine Emergency Information Number: 920-929-5000

Manufacturer, Exxon Company, USA, Emergency Number: 713-656-3424

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation (Y) Skin (Y) Ingestion (Y) Eye (Y)

Health Hazards (Acute and Chronic): Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death. This product is judged to have an acute oral LD50 (rat) greater than 5g/kg of body weight and an acute dermal LD50 (rabbit) greater than 3.16g/kg of body weight. Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks that may vary from person to person. As a precaution, exposure to liquids, vapors, mists, or fumes should be minimized.

Carcinogenicity: NTP (N) IARC Monographs (N) OSHA Regulated (N)

Signs and Symptoms of Exposure: Prolonged or repeated skin contact may cause skin irritation. High pressure grease gun injection injury, where grease is injected through the skin or any part of the body, can cause serious delayed soft tissue damage and should be treated immediately as a surgical emergency.

Medical Conditions Generally Aggravated by Exposure: None recognized.

Emergency and First Aid Procedures: Eye - Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician. Skin - Remove any contaminated clothing and wash skin with soap and water. If injected under the skin, regardless of the appearance of the wound or its size, contact a physician immediately. Delay may cause loss of affected part of body. Inhalation - If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation and administer oxygen, if available. If overexposed to oil mist, remove from further exposure until excessive oil mist condition subsides. Ingestion - DO NOT INDUCE VOMITING. Call a physician immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations.

Waste Disposal Method: 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.

Precautions to be taken in Handling and Storing: Keep containers closed when not in use. Do not store near heat, sparks, flames, or strong oxidants.

Other Precautions: KEEP AWAY FROM CHILDREN!

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): Use supplied-air respiratory protection in confined or enclosed spaces.

Ventilation: Local Exhaust - If TLV is exceeded **Mechanical** - Usually sufficient

Protective Gloves: Chemical-resistant gloves

Eye Protection: Splash goggles or face shield

Other Protective Clothing or Equipment: Chemical-resistant apron or other impervious clothing which should be laundered before reuse or discarded if oil-soaked.

Work/Hygiene Practices: Always follow good housekeeping and personal hygiene practices.

N/D = NOT DETERMINED (NO DATA) N/E = NONE ESTABLISHED Y = YES
N/A = NOT APPLICABLE N/AV = NOT AVAILABLE N = NO