

**MSDS's: Parker O-Lube**



**DESCRIPTIVE FEATURES OF PARKER'S O-LUBE**

Date: 8/13/1998

Ingredients	Barium Soap 25-30%
Base Oil 70-75%	
Water Content	0.2% max.
Grease Number	#2 NLGI
Pour Point (open cup)	435°F min.
Fire Point	485°F min.
ASTM D217 Penetration @ 77°F	265-295
ASTM Drop Point	400°F min.
Ash Sulfate	14.25% max.
Specific Gravity	Less than 1.0 (.9007 to .9129)

Note: Classed as a combustible liquid, Class III B

**PARKER O-LUBE**

**MATERIAL SAFETY DATA SHEET**

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

**Section I**

Manufacturer's Name Parker Hannifin Corp., O-Ring Division  
Emergency Telephone No. (606) 269-2351  
Address 2360 Palumbo Drive, PO Box 11751, Lexington, KY 40512  
Trade Name and Synonyms Parker O-Lube  
Chemical Family Petroleum Grease

**Section II - Hazardous Ingredients**

Hazardous Mixture of Other Liquids, Solids, or Gasses  
Petroleum Naphthenic Oil CAS #64742-52-5 70-75% by weight  
Barium Soap - Insoluble CAS #68201-19-4 25-30% by weight

NFPA (HMIS) Code: Health-1, Flammability-0, Reactivity-0

### **Section III - Physical Data**

Boiling Point (°F)	700
Specific Gravity Less than	1.0
Vapor Pressure	N/A
Percent, Volatile by Volume (%)	N/A
Vapor Density (Air=1)	N/A
Evaporation Weight	Less than 1.0
Solubility in Water	Negligible
Appearance and Odor	Semi-Solid, Amber Color, No Odor

### **Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used)	435°(Open Cup)
Flammable Limits	N/A le: N/A ue: N/A
Extinguishing Media	Carbon dioxide, Foam and Dry Chemical
Special Fire Fighting Procedure	Wear self contained breathing apparatus, water or foam may cause frothing which can be violent, especially if sprayed into containers of hot burning liquid.

Unusual Fire and Explosion Hazards: Never use welding or cutting torch on or near (even empty) container because product (even just residue) can ignite explosively.

### **Section V - Health Hazard Data**

Threshold Limit Value	5 mg/m <sup>3</sup>
Permissible Exposure Level	5 mg/m <sup>3</sup>
Effects on Overexposure	Eyes: Moderate irritation, redness, tearing
	Skin: Slight irritation
	Swallowing: Gastric intestinal irritation, nausea, vomiting & diarrhea
	Inhalation: None known.

Emergency & First Aid Procedure	Ingestion: Immediately drink 2 glasses of water, induce vomiting, medical attention.
	Eyes: Flush with large amounts of water, lifting eye lids occasionally, seek medical attention.
	Skin: Wash exposed area with soap & water.
	Inhalation: N/A

### **Section VI - Reactivity Data**

Stability	Stable
Conditions to Avoid	Temperatures over 600° F
Incompatibility (Materials to avoid)	Strong Oxidizers
Hazardous Decomposition Product	Carbon Monoxide - Carbon Dioxide and various hydrocarbons
Hazardous Polymerization	Will not occur.

### **Section VII -Spill or Leak Procedures**

Steps to be taken in case material is released or spilled

Small Spill: Collect in beaker.

Large Spill: Persons not wearing protective equipment should be excluded from area of spill cleanup has been completed. Shovel material into container. Remaining material taken up with absorbent material.

Waste Disposal: Per local, state, and federal regulations.

### **Section VIII - Special Protection Information**

Respiratory Protection (Specify type) Not required under normal use.

Ventilation  
Local Exhaust: N/A  
Special: N/A  
Mechanical: Recommended  
Other: N/A

Protective Gloves Oil resistant gloves such as Nitrile or Neoprene Rubber.

Eye Protection Not required under normal use.

Other Protective Gear N/A

### **Section IX- Special Precautions**

Precautions to be taken in Handling and Storing Normal precautions - avoid fire hazards.

Other Precautions None.

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