

688476

Parker Seals

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**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

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

#### Hazardous Mixture of Other Liquids, Solids, or Gases

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

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

### Section IV - Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b>	435°(Open Cup)
<b>Flammable Limits</b>	N/A l <sub>e</sub> : N/A u <sub>e</sub> : N/A
<b>Extinguishing Media</b>	Carbon dioxide, Foam and Dry Chemical
<b>Special Fire Fighting Procedure</b>	Wear self contained breathing apparatus. Water or foam may cause frothing which can be violent, especially if sprayed into containers of hot burning liquid.
<b>Unusual Fire and Explosion Hazards:</b>	Never use welding or cutting torch on or near (even empty) container because product (even just residue) can ignite explosively.

The information contained herein is believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained therefrom. Nothing herein is to be considered as permission, recommendation, nor as an inducement, to practice any patented invention without permission of the patent owner.

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**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
Emergency & First Aid Procedure	Inhalation: None known. 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 until cleanup has been completed. Shovel material into container. Remaining material should be taken up with absorbent material.
Waste Disposal Method	Per local, state, and federal regulations.

**Section VIII - Special Protection Information**

Respiratory Protection ( <i>Specify type</i> )	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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**DESCRIPTIVE FEATURES OF PARKER'S  
O-LUBE**

Date: 2/19/99

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

Note: Classed as a combustible liquid, Class III B