

## MATERIAL SAFETY DATA SHEET

PART NUMBER: 2001928  
IDENTITY: O-ring lubricant, Barium base, 1oz  
MANUFACTURER: **PARKER HANNIFIN O-RING DIVISION**  
ADDRESS: 2400 BARRANCA PARKWAY  
IRVINE, CA 92606  
TELEPHONE: 949/757-8500  
(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

DATE REVISED: 01-26-11  
PREPARED BY: T. PHILLIPS

### SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS	CAS #	%	OSHA PEL	ACGIH TLV	OTHER LIMIT RECOMMENDED
Petroleum Naphthenic Oil	64742-52-5	70-75			
Barium Soap - Insoluble	68201-19-4	25-30			

### NON-HAZARDOUS INGREDIENTS

TOTAL 100

No health hazard or other information is available for the solution of the mixture. The following sections are based on information obtained from Parker Hannifin Corp. O-Ring Division (859) 269-2351 and our best scientific understanding of the solution

## PARKER O-LUBE MATERIAL SAFETY DATA SHEET

Date: 1/7/2005

*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.** (859) 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 of 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 explosivel

**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 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 (*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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