

MATERIAL SAFETY DATA SHEET

PART NUMBER: 9220223
IDENTITY: O-ring lubricant, Barium base, 4oz
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/m³

Permissible Exposure Level 5 mg/m³

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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