



MATERIAL SAFETY DATA SHEET

Racor Filter Oil Red

Parker Hannifin Corp.
RACOR
3400 Finch Road
Modesto, California 95353

EMERGENCY TELEPHONE NUMBER:
Chemtrec (800) 424-9300
INFORMATION TELEPHONE NUMBER:
Racor (800) 344-3286

Section 1: Product Identification

Product Name: Filter Oil Red
Product Category: Petroleum Lubricating Oil
Product Grade: (Viscosity): All Grades (Viscosities)
MSDS Form: APL
MSDS Issue Date: 5/15/03

Section 2: Composition/Information on Ingredients

Components	CAS Number(s)	Approximate Concentration
Petroleum Hydrocarbons	64742-54-7, 64742-65-0, 64742-58-1, 64742-62-7	96% or greater
Proprietary Additives	Mixture	4% or less

Section 3: Hazards Identification

Route of Exposure:
Ingestion: Low order of toxicity. May cause irritation in very sensitive individuals.
Inhalation: No adverse effects on short term exposure.
Eyes: Expected to cause no more than mild irritation, except in very sensitive individuals.
Skin: Expected to cause no more than mild irritation, except in very sensitive individuals.
Emergency Overview: This product has a low order of toxicity and does not require a cancer hazard warning.
HMIS Ratings: Health: 1, Fire: 1, Reactivity: 0

Section 4: First Aid Measures

Ingestion: If ingested, DO NOT induce vomiting; call a physician immediately.
Inhalation: Remove to fresh air. If breathing becomes irregular or stops; give oxygen, start resuscitation and call a physician immediately.
Eye Contact: Flush with fresh water for at least fifteen minutes. Call physician if irritation persists.
Skin: Wash thoroughly after exposure. Launder contaminated clothing. See physician if irritation or inflammation develops.

Section 5: Fire Fighting Measures

Flashpoint: >300 deg. F, COC. Vapors could ignite if heated above flash point. LEL and UEL: No Data
Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog or Spray (avoid using water stream) and Vaporizing Liquid.
Special Fire Fighting Procedures: SCBA recommended. Use water to keep sealed containers cool. Water stream may cause splattering or transport flame. Water may be used to flush spills away from exposures or to disperse vapors.
Hazards and Products From Thermal Decomposition: Fumes, smoke, carbon monoxide, sulfur oxides, and toxic gases.

Section 6: Accidental Release Measures

This product may be classified as an oil under Section 311 of the Clean Water Act and Oil Pollution Act. Spills or discharges into or leading to surface waters, that cause a sheen, must be reported to the National Response Center. Recover free product. Divert product from watercourses and sewers. Contain and absorb all product. Assure conformity with all applicable governmental regulations for reporting and disposal.

Section 7: Storage and Handling

Handling Precaution: Avoid skin contact, breathing vapors and change contaminated clothing. Use in well ventilated areas. Wear recommended protective equipment. Practice good personal hygiene after handling. Do not cut, weld, braze or in any way after emptying containers or expose to any igniting source.

Storage: Store in approved closed containers in well ventilated areas away from sources of ignition and strong oxidants.

Section 8: Exposure Controls/Personal Protection

Exposure Limits: TLV=5 mg/m³ for oil mist in 8 hour work day

Respiratory Protection: Not usually required. Use supplied-air respiratory protection in confined spaces, if needed. Supply sufficient ventilation so permitted exposure levels are not exceeded.

Skin Protection: Use chemical resistant gloves, aprons, shoes, etc. to avoid prolonged and repeated skin contact. Launder soiled clothing before reuse.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Hygiene Practices: Minimizes breathing vapor, mist or fumes. Wash thoroughly before meals, breaks, and at the end of work period. Remove contaminated clothing and launder before reuse. Product is readily removed from skin by waterless hand cleaners, followed by washing thoroughly with soap and water.

Section 9: Physical and Chemical Properties

Boiling Range: >500 deg. F.

Solubility (in water): Negligible

Physical Form: Red Oily Liquid

Vapor Density (air=1): >5

Evaporation Rate (water =1): <.01

Specific Gravity: .80 to .90

% Volatile by Volume: Negligible

Vapor Pressure: <.01 mm Hg@20 deg. C

pH: Neutral

Section 10: Stability and Reactivity

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc. as this presents a serious explosion hazard.

Section 11: Toxicological Information

Oral Toxicity: Swallowing product may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea and abdominal pain. Acute Oral LD 50 (rat) >5 g/kg of body weight.

Eye Irritation: Product contacting eyes may cause irritation.

Skin Irritation: Repeated and prolonged overexposure to oil and/or oil mists may cause irritation, inflammation and increased incidence of infection. Acute Dermal LD50 (rabbit) >3.16 g/kg of body weight.

Carcinogenic: Components of this product have not been identified as a carcinogen by NTP or OSHA

Section 12: Ecological Information

This product is expected to have adverse effects if released into the environment. Do not discharge or release this product to the environment, public waters or waterways.

Section 13: Disposal Consideration

Disposal options for this product are determined by federal, state and local regulations and the conditions under which it may have been used. This product is recyclable, Consult federal, state and local regulations for the proper disposal method.

Section 14: Transportation Information

U.S. DOT Hazardous Materials Shipping Information: "Not Regulated"

Section 15: Regulatory Information

The following information may be useful in complying with various local, state, and federal laws and regulations addressing various issues.

SARA Sec. 301-304: No TPQ for product or any constituent greater than 1% or 0.1% for carcinogens

SARA Sec. 313: No toxic chemical is present greater than 1% or 0.1% for carcinogens

SARA Sec. 311-312: No EPA Hazard Classification Code

TSCA: All components are listed on the U.S. TSCA inventory, does not contain polychlorinated biphenyls

OSHA: This product requires a warning label.

Section 16: Other Information

The information contained in this Material Safety Data Sheet has been compiled from the most reliable and accurate sources available at the time this document was prepared. However, no liability shall be accepted by Rosemead Oil Products, Inc. for injury or loss resultant of the use of the product or information contained in this document.

The information contained in this documents is intended to be used in conjunction with applicable standards for training, work practices and facility design established by such organizations as OSHA, NIOSH, NFPA, API, NEC, NSC, Underwriters, Bureau of Mines and others.

The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that they are suitable and complete for their particular use.