

----- MATERIAL SAFETY DATA SHEET -----

Cat Pumps

OIL, CAT PUMP PREMIUM GRADE HYDRAULIC

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 PRODUCT TRADE NAME: Cat Pump Premium Grade Hydraulic
 CHEMICAL NAME & SYNONYMS: Non-Detergent Multi-Viscosity
 ISO-68 Grade with Anti-Wear, High Pressure and Oxidation
 Inhibitor Additives
 CHEMICAL FAMILY: Petroleum Hydrocarbon plus Additives
 FORMULA: Petroleum Base Stock and Zinc Dithiophosphate
 NATIONAL FIRE PROTECTION ASSOCIATION: 704M Signal (or
 estimate)
 FREIGHT CLASS: 65
 EMERGENCY NUMBER: 800-328-5573

C. CARCINOGENICITY:
 NTP?: No
 IARC MONOGRAPHS? No
 OSHA REGULATED? No
 D. MEDICAL CONDITIONS:
 GENERALLY AGGRAVATED BY EXPOSURE: Product has a low
 order of toxicity. In normal use should not be
 harmful.
 EMERGENCY AND FIRST AID PROCEDURES:
 A. EYES: Flush with clean, clear water until irritation
 subsides. If irritation persists, see a physician.
 B. SKIN: Remove any contaminated clothing and wash
 thoroughly with soap and water.
 C. INHALATION: Vapor pressure is very low and inhalation
 at room temperature is not a problem.
 D. INGESTION: DO NOT INDUCE VOMITING, CONTACT A
 PHYSICIAN.

I. HAZARDOUS INGREDIENTS - IDENTITY INFORMATION

OSHA PEL: Paraffin Base
 CAS: 64742-54-7 5 mg/m3
 ACGIH TVL:
 CAS: 64742-65-0 or CAS 64742-54-7 5 mg/m3
 No regulated Ingredients.
 Proprietary additives.

II. PHYSICAL DATA

A. BOILING POINT (deg F): >500 deg F
 B. VAPOR PRESSURE (mm Hg): <0.01 mm/hg @20 deg C
 C. VAPOR DENSITY (Air = 1): >5
 D. SOLUBILITY IN WATER (%): Negligible
 E. SPECIFIC GRAVITY (H2O = 1): 0.8670
 F. PERCENT VOLATILE BY VOLUME: Negligible
 G. EVAPORATION RATE: (Butyl Acetate = 1) <0.01
 H. APPEARANCE AND ODOR: Greenish fluid, mild petroleum odor
 I. MELTING POINT: Liquid

III. FIRE AND EXPLOSION HAZARD DATA

A. FLASH POINT: >400 deg F
 B. IGNITION TEMPERATURE (deg F): 730 estimated
 C. FLAMMABLE LIMITATION:
 LEL: 0.9%
 UEL: 7%
 D. EXTINGUISHING MEDIA: Water Fog, Foam, CO2, Dry Chemicals
 E. SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to
 keep fire-exposed containers cool. If leak or spill
 has not ignited, use water spray to disperse the
 vapors. Utilize air-supplied breathing equipment in
 confined or enclosed areas.
 F. UNUSUAL FIRE AND EXPLOSION HAZARDS: Empty containers can
 be dangerous; do not cut, weld, solder, drill or grind
 - explosion can result.
 G. HMIS RATING:
 HEALTH: 1
 FIRE: 1
 REACTIVITY: 0
 SPECIAL HAZARD: B

IV. HEALTH HAZARD DATA

A. ROUTE(S) OF ENTRY:
 INHALATION? Not a problem at room temperature
 SKIN? Yes, if under high pressure
 INGESTION? Possible
 B. HEALTH HAZARDS (Acute and Chronic): Prolonged or
 repeated skin contact may cause irritation. Eye
 contact can cause discomfort. Ingestion can cause
 gastrointestinal distress.

V. REACTIVITY DATA

A. STABILITY: Stable
 B. INCOMPATIBLE MATERIALS: Strong oxidizing materials.
 C. HAZARDOUS DECOMPOSITION PRODUCTS: May form oxides of
 carbon if combusted.
 D. HAZARDOUS POLYMERIZATION: Will not occur
 E. CONDITIONS TO AVOID: N/A

VI. PRECAUTIONS FOR SAFE HANDLING AND USE

A. STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR
 SPILLED: Contain spill with use of sorbent media. Keep
 spill from entering sewers or waterways.
 B. WASTE DISPOSAL METHODS: Disposal must be in accordance
 with local, state and federal regulations.
 C. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep
 containers closed when not in use. Store in cool, dry
 area away from sources of ignition.
 D. OTHER PRECAUTIONS: Do not weld, cut, solder, or drill
 empty drums. Fumes can be explosive.

VII. SPECIAL PROTECTION INFORMATION

A. RESPIRATORY PROTECTION (Specify Type): Normally not
 needed.
 B. VENTILATION:
 LOCAL EXHAUST: Not Necessary
 MECHANICAL (GENERAL): Recommended
 SPECIAL: No
 OTHER: No
 C. PROTECTIVE GLOVES: Oil resistant.
 D. EYE PROTECTION: Chemical goggles, splash shield.
 E. OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Oil resistant
 apron if desired.
 F. WORK/HYGIENIC PRACTICES: Launder contaminated clothing
 before re-use. Cleanse skin thoroughly after contact.
 Discard oil soaked shoes.

Products described hereon are covered by one or more of the
 following U.S. patents 3558244, 3652188, 5809508,
 8920358, 3950756, and 5035580 Oct 1987 10721

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(R)CATPUMPS The Pump with "Nine Lives"

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