

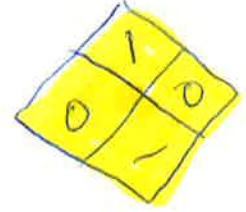
MATERIAL SAFETY DATA SHEET

NORTHLAND PRODUCTS COMPANY

MSDS FILE CODE: HYDR

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PRODUCT DESCRIPTION(S): HYDRAULIC OIL - SINGLE WEIGHT  
REVISION DATE: 3/1/90  
EMERGENCY PHONE: CHEMTREC (800)424-9300  
CHEMICAL NAME: PETROLEUM HYDROCARBONS: LUBRICATING OIL  
TRADE NAME(S): TALAMAR - RODAKA  
SPINDLE OIL - AIR TOOL OIL  
NEPA CODE - HEALTH: 0 FIRE: 1 REACTIVITY: 0



SECTION 1 - COMPONENTS AND HAZARD INFORMATION

LUBRICATING OIL BASE STOCK CAS 64742-54-7 85-95 %  
PETROLEUM ADDITIVES MIXTURE 5-15 %

HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HUMAN HEALTH RISKS WHICH VARY FROM PERSON TO PERSON. EXPOSURE TO LIQUIDS, VAPORS, MISTS AND FUMES SHOULD BE MINIMIZED.

SECTION 2 - FIRE AND EXPLOSION HAZARDS

FLASH POINT: 350+ DEGREES F. (COC)  
UPPER FLAMMABLE LIMIT: NOT DETERMINED  
LOWER FLAMMABLE LIMIT: NOT DETERMINED  
EXTINGUISHING MEDIA: WATER FOG, FOAM, DRY CHEMICAL OR CO2  
SPECIAL FIREFIGHTING PROCEDURES: NIOSH SELF-CONTAINED BREATHING APPARATUS REQUIRED. COOL EXPOSED CONTAINERS WITH WATER.  
USUAL FIRE & EXPLOSION HAZARDS: NONE

SECTION 3 - HEALTH HAZARD DATA

ORAL TOXICITY: GREATER THAN 5000 NG/KG IN RATS  
EYE IRRITATION: NOT EXPECTED  
SKIN IRRITATION: MAY CAUSE SKIN IRRITATION ON PROLONGED OR REPEATED CONTACT  
OTHER: UNKNOWN  
TLV: NONE ESTABLISHED OIL MIST= 5 MG/CU. METER  
DATA SOURCE: BASED ON DATA FROM COMPONENTS.

EMERGENCY FIRST AID PROCEDURES

SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.  
EYE: FLUSH WITH WATER. 15 MINUTES. CALL PHYSICIAN IF IRRITATION PERSISTS.  
INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING HARD. CALL PHYSICIAN.  
ORAL: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

SECTION 4 - SPECIAL PROTECTION INFORMATION

VENTILATION PROCEDURE: USE MECHANICAL VENTING WHEN VAPORS ARE CONCENTRATED.  
GLOVES PROTECTION: USE OF NEOPRENE OR NITRILE RUBBER GLOVES RECOMMENDED.  
EYE PROTECTION: USE OF CHEMICAL SAFETY GLASSES RECOMMENDED.  
OTHER PROTECTION: NONE.

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SECTION 5 - PHYSICAL DATA

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VAPOR PRESSURE: NOT DETERMINED  
SPECIFIC GRAVITY: 0.883  
WATER SOLUBILITY: INSOLUBLE  
PERCENT VOLATILE: NOT DETERMINED  
VAPOR DENSITY: NOT DETERMINED  
EVAPORATION RATE: NOT DETERMINED  
ODOR: SLIGHT PETROLEUM ODOR  
APPEARANCE: CLEAR LIGHT LIQUID.

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SECTION 6 - STABILITY

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STABILITY: STABLE  
INCOMPATIBILITY: STRONG OXIDIZING AGENTS  
POLYMERIZATION: WILL NOT OCCUR  
THERMAL DECOMPOSITION: OXIDES OF CARBON.

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SECTION 7 - SPILL OR LEAK PROCEDURES

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WEAR CHEMICAL SPLASH GOGGLES AND RUBBER BOOTS. PREVENT ENTRY INTO SEWERS AND WATERWAYS. PUMP OR ABSORB ON INERT MATERIAL AND DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS. ANY SPILL ENTERING SURFACE OR SUBSURFACE WATERS MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER IMMEDIATELY. (800)424-8802

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SECTION 8 - SPECIAL PRECAUTIONS

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NONE

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SECTION 9 - TRANSPORTATION AND LABELING

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DOT PROPER SHIPPING NAME: NOT APPLICABLE  
DOT HAZARD CLASS: NOT APPLICABLE  
DOT ID NUMBER (UN NO.): NONE  
EPA HAZARDOUS SUBSTANCES: NONE  
PRECAUTIONARY LABELS: NONE

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