

TEXACO INC.
INDUSTRIAL HYGIENE, TOXICOLOGY, AND MATERIAL
SAFETY DATA SHEET



NOTE: NO REPRESENTATION IS MADE AS TO THE ACCURACY OF THE INFORMATION
HEREIN. SEE PAGE 7 FOR CONDITIONS UNDER WHICH DATA ARE FURNISHED.

Trade Name and Synonyms
01658 RANDO OIL HD 46

Manufacturer's Name
Texaco Inc.

Emergency Telephone No.
(914) 831-3400 ext. 204

Address
P.O. Box 509 Beacon, NY 12508

Chemical Name and/or Family or Description
Hydraulic Oils

THIS PRODUCT IS CLASSIFIED AS: _____ X _____ NOT HAZARDOUS:
_____ HAZARDOUS BY DEFINITION NO.(S) _____ ON ATTACHED EXPLANATION SHEETS

WARNING STATEMENT:
NONE CONSIDERED NECESSARY

OCCUPATIONAL CONTROL PROCEDURES

Protective Equipment (Type)

Eyes: Chemical type goggles or face shield optional.

Skin: Exposed employes should exercise reasonable personal cleanliness; this includes cleansing exposed skin areas several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.

Inhalation: None required if exposures are within permissible concentrations; see below.

Ventilation: Normal

Permissible Concentrations:

Air: 5 mg/cubic meter of air for mineral oil mist averaged over an 8 hour daily exposure (ACGIH, 1984-85).

EMERGENCY AND FIRST AID PROCEDURES

First Aid

Eyes: As with most foreign materials, should eye contact occur, flush eyes with plenty of water.

Skin: Wash exposed areas with soap and water.

Ingestion: None considered necessary.

Inhalation: None considered necessary.

Other Instructions: None.

**PHYSIOLOGICAL EFFECTS:**Code
No. 01658

Effects of Exposure

Acute:

Eyes: Believed to be minimally irritating.

Skin: Believed to be slightly irritating with possible redness, edema, or drying of the skin.

Respiratory System: Believed to be minimally irritating if not in excess of permissible concentrations; see page 1.

Chronic: N.D.

Other: -

Sensitization Properties:

Skin: Yes No Unknown Respiratory: Yes No Unknown Median Lethal Dose (LD₅₀ LC₅₀) (Species)

Oral Similar product >22.4 g/kg (rat); practically nontoxic

Inhalation N.D.

Dermal Similar product >3.0 g/kg (rabbit); practically nontoxic

Other N. D.

Irritation Index, Estimation of Irritation (Species)

Skin Similar product 2.08/8.0 (rabbit); slightly irritating

Eyes Similar product 9.83/110 (rabbit); no appreciable effect

Symptoms of Exposure See above.**FIRE PROTECTION INFORMATION**

Ignition Temp.^oF. N.D. Flash Point ^oF. (Method) 400 °F (COC)

Flammable Limits (%) Lower N.D. Upper N.D.

Products Evolved When Subjected to Heat or Combustion:

Carbon monoxide, carbon dioxide, aldehydes and ketones, combustion products of nitrogen and sulfur.

Recommended Fire Extinguishing Agents And Special Procedures:

According to the National Fire Protection Association Guide, use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak.

Unusual or Explosive Hazards:

None.

**COMPOSITION**Code
No. 01658

<u>Chemical/Common Name</u>	<u>CAS No.</u>	<u>Exposure Limit</u>	<u>Range in %</u>
Solvent-dewaxed heavy paraffinic petroleum di- stillates	64742650	5.0 mg/m3 TWA	95.00 - 99.99

To the best of our knowledge, none of the above listed components is hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

**PRODUCT SHIPPING LABEL**Code
No. 01658

01658 RANDO OIL HD 46

NONE CONSIDERED NECESSARY

<u>Chemical/Common Name</u>	<u>CAS No.</u>	<u>Exposure Limit</u>	<u>Range in %</u>
Solvent-dewaxed heavy paraffinic petroleum di- stillates	64742650	5.0 mg/m3 TWA	95.00 - 99.9

To the best of our knowledge, none of the above listed components is hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

HMIS	
Health : 1	Reactivity : 0
Flammability: 1	Special : -

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

HEALTH EMERGENCY TELEPHONE: (914) 831-3400 (EXT. 204)

Texaco Inc.
2000 Westchester Avenue
White Plains, New York 10650

For Additional Information Concerning:

Fuels/Lubricants/Antifreezes
call (914) 831-3400 (EXT.204)
Chemicals/Additives
call (409) 722-8381
Transportation Spills
call CHEMTREC (800) 424-9300

**ADDITIONAL COMMENTS**Code
No. 01658

TEXACO INTENDS TO COMPLY FULLY WITH PROVISIONS OF THE TOXIC SUBSTANCES CONTROL ACT
STATE OF MICHIGAN CRITICAL MATERIALS ACT (REVISED 1985)
0.037% zinc; conversion factor 7.3 pounds per gallon

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To determine applicability or effect of any law or regulation with respect to the product, users should consult his legal advisor or the appropriate government agency. Texaco does not undertake to furnish advice on such matters.

By R. T. Richards Title Mgr. Env. Conservation & Toxicology
Date 11-20-85 New Revised, Supersedes 10-16-85

N.D. - Not Determined N.A. - Not Applicable
< - Less Than > - Greater Than