

TEXACO LUBRICANTS COMPANY, DIV OF TEXACO REFINING -- RANDO OIL HD 68,01659 --
9150-01-087-4380

===== Product Identification =====

Product ID:RANDO OIL HD 68,01659

MSDS Date:12/05/1990

FSC:9150

NIIN:01-087-4380

MSDS Number: BRTCJ

=== Responsible Party ===

Company Name:TEXACO LUBRICANTS COMPANY, DIV OF TEXACO REFINING

Box:4427

City:HOUSTON

State:TX

ZIP:77210-4427

Country:US

Info Phone Num:914-838-7

204/7509/512-459-6543

Emergency Phone Num:914-831-3400/800-424-9300(CHEMTREC)

Preparer's Name:MANAGER, PRODUCT SAFETY

CAGE:OTTJ3

=== Contractor Identification ===

Company Name:TEXACO INC CORPORATE HQ

Address:2000 WESTCHESTER AVE

City:WHITE PLAINS

State:NY

ZIP:10604

Country:US

Phone:914-253-4000

CAGE:59595

Company Name:TEXACO LUBRICANTS

Address:4164 E INNSLAKE DR

Box:4427

City:GLEN ALLEN

State:VA

ZIP:23060

Country:US

Phone:804-527-4311

CAGE:OTTJ3

===== Composition/Information on Ingredi

ents =====

Ingred Name:MINERAL OIL/SOLVENT-DEWAXED HEAVY PARAFINIC PETROLEUM
DISTILLATES
CAS:64742-65-0
RTECS #:PY8038500
Fraction by Wt: 95-99.9%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:VOLATILE ORGANIC COMPOUNDS (100%)
RTECS #:9999999VO
Other REC Limits:NOT RELEVANT
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT)
IS >22,400 MG/KG.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE- MAY CAUSE MINIMAL EYE
IRRITATION. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DEFATTING,
IRRITATION AND REDNESS. EXCESSIVE VAPORS OR MISTS MAY CAUSE
IRRITATION OF NOSE AND THROAT, HEADACHE AND DROWSINESS. INGESTION
OF SEVERAL MOUTHFULS MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA AND
DIARRHEA. CHRONIC- NONE.

Explanation of
of Carcinogenicity:NONE
Effects of Overexposure:EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL
TRACTS IRRITATION, SKIN DEFATTING, HEADACHE, ABDOMINAL DISCOMFORT,
NAUSEA, VOMITING AND DIARRHEA
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS SUCH AS DERMATITIS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS
OF THIS PRODUCT.

===== First Aid Measures =====

First Aid:CALL DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH

WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. ORAL:DO NOT INDUCE VOMITING. CALL PHYSICIAN. IF MORE THAN SEVERAL MOUTHFULS HAVE BEEN SWALLOWED & CONSCIOUS, DRINK TWO GLASSES OF WATER. IN THE CASE OF OIL PENETRATING SKIN, IMMEDIATE MEDICAL ATTENTION NEEDED EVEN FOR MINOR INJECTION INJURY.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:425F,218C

Extinguishing Media:CA

RBON DIOXIDE, FOAM/DRY CHEMICAL. WATER/FOAM MAY

CAUSE FROTHING & CAN BE DANGEROUS IF SPRAYED INTO HOT, BURNING LIQUID.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:DIKE AND CONTAIN SPILL. DO NOT ALLOW MATERIAL TO ENTER DRAINS, S

EWERS OR WATERWAYS. RECOVER FREE LIQUID IF

POSSIBLE. ABSORB SMALL SPILL WITH NON-FLAMMABLE MATERIAL AND PLACE INTO PROPER CONTAINERS FOR DISPOSAL. COMPLY WITH HAZPOWER (29 CFR1910.120).

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM HEAT, FLAME & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. AVOID WATER CONTAMINATION.

Other Precautions:WASH HAN

DS WITH SOAP AND WATER BEFORE EATING,

DRINKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. DO NOT GENERATE MISTS OR VAPORS. CLEAN CONTAMINATED EQUIPMENT BEFORE STARTING ANY REPAIR WORK.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF WORKING IN A CONFINED AREA OR MISTING IS

OCCURRING, USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPL

YING
RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPOR
Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL
BELOW APPLICABLE STANDARD(S).
Protective Gloves:RUBBER OR NEOPRENE RECOMMENDED
Eye Protection:CHEMICAL GOGGLES RECOMMENDED
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.
Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V6
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:587F,308C
Vapor Pres:NOT KNOWN
Spec Gravity:0.8816
Viscosity:64.5CST @104F
Evaporation Rate & Reference:NOT KNOWN
Appearance and Odor:PALE LIQUID
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:EXCESSIVE HEAT AND FLAME
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
ALDEHYDES AND KETONES

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF WASTE IN COMPLIANCE WITH ALL
APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. RCRA
EMERGENCY NUMBER: 800-424-9346.

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