

TEXACO INC -- 01657 RANDO OIL HD 32 -- 4470-01-068-9991

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

Product ID:01657 RANDO OIL HD 32

MSDS Date:09/07/1989

FSC:4470

NIIN:01-068-9991

MSDS Number: BRPGD

=== Responsible Party ===

Company Name:TEXACO INC

Box:509

City:BEACON

State:NY

ZIP:12508

Info Phone Num:914-831-3400 EXT 204

Emergency Phone Num:914-831-3400 EXT 204

Preparer's Name:M.J. VON ALLMEN

CAGE:7B131

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== Contractor Identification ==

Company Name:TEXACO INC

Box:509

City:BEACON

State:NY

ZIP:12508-0509

Country:US

Phone:914-831-3400

CAGE:7B131

===== Composition/Information on Ingredients =====

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY
PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: 95-99.9%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:5 MG/M3 (OIL MIST)

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

LD50 LC50

Mixture:NONE SPECIFIED BY MANUFACTURER.
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: CAUSES MINIMAL EYE IRRITATION.
TRANSIENT MINOR IRRITATION MAY BE NOTED FOLLOWING INITIAL CONTACT.
SKIN: SLIGHTLY IRRITATING WITH POSSIBLE REDNESS, EDEMA, OR DRYING
OF THE SKIN. INHALATION: VAPOR S OR MIST IN EXCESS OF PERMISSIBLE
CONCENTRATIONS MAY CAUSE IRRITATION (NOSE/THROAT), HEADACHE,
NAUSEA, DROWSINESS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:SEE HEALTH HAZARDS
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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. INHALATION: IF IRRITATION OR DROWSINESS
OCCURS, REMOVE TO FRESH AIR. INGESTION: NONE CONSIDERED NECESSARY.

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

Flash Point Method:COC
Flash Point:385F,196C
Extinguishing Media:USE WATER SPRAY,DRY CHEMICAL,FOAM,OR CARBON
DIOXIDE.
Fire Fighting Procedures: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.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:CONTAIN SPI
LL IF POSSIBLE. WIPE UP OR ABSORB
ON SUITABLE MATERIAL AND SHOVEL UP.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MINIMUM FEASIBLE HANDLING TEMPERATURES
SHOULD BE MAINTAINED.PERIODS OF EXPOSURE TO HIGH TEMPS SHOULD BE
MINIMIZED. WATER CONTAMINATION BE AVOIDED.
Other Precautions:EMPTY CONTAINERS CAN BE HAZARDOUS IF USED TO STORE
TOXIC,FLAMMABLE, OR REACTIVE MATERIALS. CUTT

ING/WELDING OF EMPTY
CONTAINERS MIGHT CAUSE FIRE, EXPLOSION,OR TOXIC FUMES FROM
RESIDUES.

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

Respiratory Protection:IF VAPOR, MIST OR DUST IS GENERATED IN EXCESS OF
PERMISSIBLE CONCENTRATIONS USE RESPIRATOR APPROVED BY MSHA OR
NIOSH.

Ventilation:ADEQUATE TO MEET COMPONENT PERMISSIBLE CONCENTRATIONS.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:CHEMICAL TYPE GOGGLES

Other Protective Equipment:NO

NE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH EXPOSED SKIN AREAS SEVERAL TIMES DAILY
WITH SOAP AND WATER.

Supplemental Safety and Health

WASTE CLASSIFICATION: PRODUCT HAS BEEN EVALUATED FOR RCRA
CHARACTERISTICS AND DOES NOT MEET CRITERIA OF A HAZARDOUS WASTE IF
DISCARDED IN ITS PURCHASED FORM.

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

HCC:N1

Spec Gravity:0.8681(WATER=1)

Appearance and Odor:PALE LIQUID

===== Stability and Reactiv
ity Data =====

STRONG OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE,CARBON
DIOXIDE,ALDEHYDES AND KETONES,COMBUSTION PRODUCTS OF NITROGEN,
ZINC, PHOSPHORUS,CALCIUM,& SULFUR.

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

Waste Disposal Methods:UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER
OF PRODUCTS TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER PRODUCT
MEETS RCRA CR

ITERIA FOR HAZARDOUS WASTE. THIS IS BECAUSE PRODUCT USES, TRANSFORMATIO NS, MIXTURE, ETC. MAY RENDER MATERIAL HAZARDOUS.

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