

TECHNOLUBE PRODUCTS DIV (LUBRICATING SPECIALTY CO) -- PETROLEUM OIL --
9150-00-149-7431

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

Product ID:PETROLEUM OIL

MSDS Date:12/30/1998

FSC:9150

NIIN:00-149-7431

Status Code:A

MSDS Number: CJDMW

=== Responsible Party ===

Company Name:TECHNOLUBE PRODUCTS DIV (LUBRICATING SPECIALTY CO)

Address:3365 E SLAUSON AVE

City:VERNON (FORMALLY IN LOS ANGELES)

State:CA

ZIP:900

58

Country:US

Emergency Phone Num:582-928-3311

Resp. Party Other MSDS Num.:CODE: A3014

Preparer's Name:PATRICK KAINGS

Chemtrec Ind/Phone:(800)424-9300

CAGE:8Y842

=== Contractor Identification ===

Company Name:LUBRICATING SPECIALTIES CO. TECHNOLUBE PRODUCTS DIV

Address:3365 E. SLAUSON AVE

Box:City:LOS ANGELES

State:CA

ZIP:90058

Country:US

Phone:562-776-4033; FAX:562-776-4003

CAGE:8Y842

Company Name:NAUGHTON ENERGY CORP

Address:RT 940

Box:709

City:POCONO PINES

State:PA

ZIP:18350-0709

Country:US

Ph

one:570-646-0422
CAGE:1DL10

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Composition/Information on Ingredients
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Ingred Name:1-DECENE, HOMOPOLYMER, HYDROGENATED
CAS:68037-01-4
< Wt:70.
Other REC Limits:NONE RECOMMENDED

Ingred Name:HEXANEDIOIC ACID, DIISONONYL ESTER
CAS:33703-08-1
< Wt:30.
Other REC Limits:NONE RECOMMENDED

Ingred Name:T-BUTYLPHENYL DIPHENYL PHOSPHATE
< Wt:1.
Other REC Limits:NONE RECOMMENDED

Ingred Name:THIODIETHYLENE
BIS.(3,5-DI-TERT-BUTYL-4-HYDROXYHYDROCINNAMATE)
CAS:41484-35
-9
RTECS #:DA8342500
< Wt:1.
Other REC Limits:NONE RECOMMENDED

Ingred Name:TOLYLTRIAZOLE
CAS:29385-43-1
RTECS #:DM1300000
< Wt:1.
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHYLBENZENE
CAS:1330-20-7
RTECS #:ZE2100000
< Wt:1.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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Hazards Identification
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LD50 LC50 Mixture:TLV : 5 MG/M3 (OIL

MIST)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE - EYE: MAY CAUSE IRRITATION IF SPLASHED INTO EYES. SKIN: PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION WHICH MAY LEAD TO VARIOUS DISORDERS. INHALATION: VAPOR OR MIST MAY CAUSE MILD IRRITATION. ORAL: INGESTION MAY CAUSE NAUSEA, DIARRHEA AND STOMACH DISCOMFORT. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DERMATITIS, TEARING, NAUSEA, DISCOMFORT

Medical Cond Aggravated by Exposure:PREEXISTING DISEASES OF THE EYES, SKIN, RESPIRATORY TRACT MAY BE AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. IF

BREATHING IS DIFFICULT, OXYGEN MAY BE GIVEN BY QUALIFIED PERSONNEL. EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRER BEFORE REUSE. ORAL: DO NOT INDUCE VOMITING. IF PATIENT IS CONSCIOUS , GIVE TWO GLASSES OF WATER. SEEK MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:COC

Flash Point:>200.C, 392.F

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, OR FOAM. AVOID USING WATER.

Fire Fighting Procedures:RECOMMEND SCBA. USE WATER ONLY FOR COOLING CONTAINER. WATER MAY CAUSE SPLATTERING, OR TRANSPORT FLAME.

Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID. SLIGHTLY COMBUSTIBLE. MAY RELEASE FLAMMABLE VAPORS WHEN HEATED ABOVE FLASH POINT.CARBON MONOXIDE AND ESPHYXIANTS

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===== Accidental Release =====

ase Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. PROVIDE ADEQUATE VENTILATION. REMOVE IGNITION SOURCES. PICK UP FREE LIQUID FOR RECYCLING OR DISPOSAL. REMOVE RESIDUE WITH INERT ABORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. REPORT SPILLS AS REQUIRED TO AUTHORITIES. AVOID SOIL CONTAMINATION.

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

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Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM IGNITION SOURCES, AND OXIDIZING AGENTS.

Other Precautions:DO NOT GET IN EYES. MINIMIZE SKIN CONTACT. WASH THOROUGHLY AFTERHANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NO

NE REQUIRED WHERE ADEQUATE VENTILATION

CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR. SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR CONF INED SPACES.

Ventilation:GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE. LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS.

Protective Gloves:NITRILE OR NEOPRENE GLOVES ARE RECOMMENDED

Eye Protection:SAFETY GLASSES, GOGGLES OR FACE SHIELD ARE RECOMMENDED

Other Protective Equi

ipment:LONG SLEEVE SHIRT AND APRON WHEN POTENTIAL

FOR SKIN CONTACT. WEAR NEOPRENE OR NITRILE RUBBER BOOTS WHEN NECESSARY TO AVOID CONTAMINATING SHOES.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

MIL-PRF-83282D (P/N).

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

HCC:V6

Boiling Pt:>300.C, 572.F

Vapor Pres:AIR

Spec Grav

ity:0.854

pH:N/D

Evaporation Rate & Reference:LESS THAN ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED OILY LIQUID, PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON DIOXIDE.

===== Toxicological Information =====

Toxicological Information:NOT A CARCINOGEN.

===== Ecological Information =====

Ecological:THIS MATERIAL IS EXPECTED TO HAVE ADVERSE EFFECTS ON MARINE AND PLANT LIFE. SPILLS MAY CONTAMINATE DRINKING WATER.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS. RECYCLE USED OIL. DO NOT CONTAMINATE USED OIL WITH SOLVENTS OR OTHER CHEMICALS.

===== MSDS

Transport Information =====

Transport Information:RQ HYDRAZINE, AQUEOUS SOLUTION, 6.1, UN3293, III. TOXIC

===== Regulatory Information =====

SARA Title III Information:CONTAINS