

TECHNOLUBE PRODUCTS DIV (LUBRICATING SPECIALTY CO) -- MIL-PRF-83282D --
9150-00-149-7432

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

Product ID:MIL-PRF-83282D

MSDS Date:12/30/1998

FSC:9150

NIIN:00-149-7432

Status Code:A

MSDS Number: CJLMF

=== Responsible Party ===

Company Name:TECHNOLUBE PRODUCTS DIV (LUBRICATING SPECIALTY CO)

Address:8015 PARAMOUNT BLVD

City:PICO RIVERA

State:CA

ZIP:90660

Country:US

Info

Phone Num:562-928-3311

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:CODE: A 3014

Preparer's Name:PATRICK KAINES

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

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Country:US
Phone:570-646-0422
Contract Num:SP0450-99-D-4005-004Z
CAGE:1DL10
Company Name:TECHNOLUBE PRODUCT COMPANY
Address:8015 PARAMOUNT BLVD.
Box:City:PICO RIVERA
State:CA
ZIP:90660-4811
Country:US
Phone:562 776-4000 GEN: 562-776-4000
CAGE:2X769

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

Ingred Name:1-DECENE, HOMOPOLYMER, HYDROGENATED
CAS:68037-01-4
< Wt:70.

Ingred Name:HEXANEDIOIC ACID, DIISONONYL ESTER
CAS:33703-08-1
< Wt:30.

Ingred Name:T-BUTYLPHENYL DIPH
ENYL PHOSPHATE
< Wt:1.

Ingred Name:THIODIETHYLENE
BIS(3,5-DI-TERT-BUTYL-4-HYDROXYHYDROCINNAMATE)
CAS:41484-35-9
Code:F
RTECS #:DA8342500
< Wt:1.

Ingred Name:TOLYLTRIAZOLE
CAS:29385-43-1
RTECS #:DM1300000
< Wt:1.

Ingred Name:DIMETHYLBENZENE
CAS:1330-20-7
RTECS #:ZE2100000
< Wt:1.
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 =====

LD50 LC50 Mixture:PEL/TLV FOR P

RODUCT: 5 MG/M3 (OIL MIST)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:TARGET ORGANS: NONE SPECIFIED BY MANUFACTURER. ACUTE HEALTH: EYE: MAY CAUSE EYE IRRITATION IF SPLASHED INTO EYES. SKIN-REPEATED OR PROLONGED CONTACT WITH SKIN MAY CAUSE IRRITATION WHICH MAY LEAD TO VA RIOUS SKIN DISORDERS. AVOID PROLONGED SKIN CONTACT. INHALATION: INHALATION OF VAPOR OR OIL MIST FROM THIS PRODUCT MAY CAUSE MILD IRRITATION OF THE RESPIRATORY

SYSTEM. USE IN WELL VENTILATED AREAS. ORA L: INGESTION MAY CAUSE NAUSEA, DIAHRREA & STOMACH DISCOMFORT. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:EYE: MAY CAUSE EYE IRRITATION IF SPLASHED INTO EYES. SKIN-REPEATED OR PROLONGED CONTACT WITH SKIN MAY CAUSE IRRITATION WHICH MAY LEAD TO VARIOUS SKIN DISORDERS. AVOID PROLONGED SKIN CONTACT. INHALATIO N: INHALATION OF VAPOR OR OIL MIST FROM TH

IS PRODUCT MAY CAUSE MILD IRRITATION OF THE RESPIRATORY SYSTEM. USE IN WELL VENTILATED AREAS. ORAL: INGESTION MAY CAUSE NAUSEA, DIAHRREA & STOMACH DISCOMFORT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:ORAL: DO NOT INDUCE VOMITING! IF CONSCIOUS, GIVE 2 GLASSES OF WATER. GET IMMEDIATE MEDICAL ATTENTION. EYES: FLUSH WITH WATER AT 15 MINUTES. GET MEDICAL ATTENTION IF EYE IRRITAT

ION DEVELOPS. SKIN:

WASH IMMEDIATELY WITH SOAP & WATER. REMOVED SOILED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. LAUNDER CONTAMINATED CLOTHING. INHALATION: REMOVE EXPOSED PERSON TO FRESH AIR. IF BREATHING IS LA BORED, ADMINISTER OXYGEN & OBTAIN IMMEDIATE MEDICAL ATTENTION. IF IRRITATION PERSISTS OR IF TOXIC SYMPTOMS ARE OBSERVED, GET MEDICAL ATTENTION.

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

Flash Point:>200.C, 392.F

Extinguis

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

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

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

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. PERSONAL

PROTECTIVE EQUIPMENT MUST BE WORN. REMOVE SOURCES OF IGNITION. PREVENT ENTRY INTO SEWERS AND WATERWAYS. CONTAIN RELEASE, PICK UP FREE LIQUID FOR RECYCLING OR DISPOSAL. RESIDUAL LIQUID CAN BE ABSORBED WITH INERT MATERIAL. CHECK DOT/CERCLA AND OTHER AGENCIES FOR REPORTING REQUIREMENTS. PREVENT CONTAMINATION TO SOIL, WATERWAY & SEWER SYSTEMS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:STORE IN CLOSED CONTAINERS. STORE AWAY FROM IGNITION SOURCES & IN AREAS OF GOOD VENTILATION. AVOID PROLONGED SKIN CONTACT, BREATHING VAPORS & CONTAMINATED CLOTHING. USE WITH ADEQUATE VENTILATION. WEAR RECOMMENDED PROTECTIVE EQUIPMENT. PRACTICE GOOD PERSONAL HYGIENE AFTER HANDLING.

Other Precautions:EMPTY CONTAINERS RETAIN MATERIAL RESIDUE. DO NOT CUT, WELD, BRAZE, SOLDER OR EXPOSE CONTAINERS TO OTHER IGNITION SOURCES.

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= Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND DUST/MIST CARTRIDGE IS RECOMMENDED EXPOSURE LIMIT IS EXCEEDED. SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR CONFINED SPACE ENTRY.

Ventilation:USE IN AREAS OF ADEQUATE VENTILATION. USE MECHANICAL EXHAUST TO CONTROL VAPORS OR MISTS.

Protective Gloves:NITRILE OR NEOPRENE ARE RECOMMENED.

Eye Protection:SAFETY GLASSES, GOGGLES,

OR FACE SIELD ARE RECOMMENDED.

Other Protective Equipment: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:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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Physical/Chemical Properties
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HCC:V6

Boiling Pt:>300.C, 572.F

Vapor Pres:AIR

Spec Gravity:0.854

pH:N/D

Evaporation Rate & Ref

erence:LESS THAN ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED OILY LIQUID, PETROLEUM ODOR

Percent Volatiles by Volume:NIL

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:DO NOT HEAT ABOVE THE FLASH POINT.

Hazardous Decomposition Products:CARBON DIOXIDE, CABON MONOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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Toxicological Information
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Toxicological Information:ORAL TOXICITY: SWALLOWING MATERIAL MAY CAUSE IRRITATION OF THE GASTROINTESTINAL LINING, NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN.

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

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Disposal Considerations
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Waste Disposal Methods:CONSULT FEDERAL, STA

TE & LOCAL REGULATIONS

REGARDING DISPOSAL METHODS. RECYCLE USED OIL. DO NOT CONTAMINATE
USED OIL WITH SOLVENTS OR OTHER CHEMICALS.

===== MSDS Transport Information =====

Transport Information: DOT SHIPPING NAME: OIL, N.O.S.; DOT HAZARD CLASS:
COMBUSTIBLE LIQUID. UN/NA NUMBER: N/A; GUIDE NUMBER: 27. MATERIALS
CLASSIFIED AS DOT COMBUSTIBLE LIQUIDS (FLASH POINT >141 AND