

TECHNOLUBE PRODUCTS COMPANY -- 19003,MIL-H-6083E (1) # H-6016 -- 9150-00-935-9807  
===== Product Identification =====

Product ID:19003,MIL-H-6083E (1) # H-6016  
MSDS Date:04/07/2000  
FSC:9150  
NIIN:00-935-9807  
Status Code:A  
MSDS Number: CKSKX  
=== Responsible Party ===  
Company Name:TECHNOLUBE PRODUCTS COMPANY  
Address:8015 PARAMOUNT BLVD  
City:PICO RIVERA  
State:CA  
ZIP:90660-4888  
Country:US  
Info Phone Num:  
m:562-776-4000  
Emergency Phone Num:562-928-3311(BUSINESS HRS)  
Preparer's Name:RON DICKENSON  
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  
Contract Num:SP0450-00-M-C739  
CAGE:8Y842

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

Ingred Name:T-BUTYLPHENYL DIPHENYL PH  
OSPHATE  
&lt; Wt:1.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:NOT PROVIDED

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE  
CAS:64742-53-6  
RTECS #:PY8036000  
&lt; Wt:90.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:BARIUM DINONYLNAPHTHALENESULFONATE  
CAS:25619-56-1  
&lt; Wt:1.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:NOT PROVIDED

It; Wt:1.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:10 MG/M3

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

&lt; Wt:1.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
ACGIH TLV:NOT PROVIDED

Ingred Name:DIMETHYLBENZENE  
CAS:1330-20-7  
RTECS #:ZE2100000

&lt; Wt:1.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:NOT PROVIDED  
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:NOT PROVIDED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: MAY CAUSE EYE IRRITATION IF  
SPLASHED INTO EYES. SKIN: REPEATED OR PROLONGED CONTACT MAY CAUSE  
IRRITATION WHICH MAY LEAD TO VARIOUS 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. ORAL: INGESTION MAY CAUSE  
NAUSEA, DIARRHEA AND STOMACH DISCOMFORT.

Explanation of Carcinogenicity:CARCINOGENIC: THIS MATERIAL HAS NOT BEEN  
IDENTIFIED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

Effects of Overexposure:EYE: MAY CAUSE EYE IRRITATION IF SPLASHED INTO  
EYES. INHALATION: INHALATION OF VAPOR OR OIL MIST FROM THIS PRODUCT  
MAY CAUSE MILD IRRITATION OF THE RESPIRATORY SYSTEM . ORAL:  
INGESTION MAY CAUSE NAUSE A, DIARRHEA AND STOMAC

H DISCOMFORT.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE 2 GLASSES OF WATER. GET IMMEDIATE MEDICAL ATTENTION. EYE: FLUSH WITH WATER AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF EYE IRRITATION DEVELOPS OR PERSISTS. SKIN: WASH IMMEDIATELY WITH SOAP AND WATER. REMOVE SOILED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. LAUNDER CONTAMINATED CLOTHING.

INHALATION: REMOVE EXPOSED PERSON TO FRESH AIR. IF BREATHING IS LABORED, ADMINISTER OXYGEN AND OBTAIN IMMEDIATE MEDICAL ATTENTION. IF IRRITATION PERSISTS OR IF TOXIC SYMPTOMS ARE OBSERVED, GET MEDICAL ATTENTION.

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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 THE FLAME. SLIGHTLY COMBUSTIBLE.

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

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===== 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, WATERWAYS AND SEWER SYSTEMS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS OF PROPER CONSTRUCTION. STORE AWAY FROM IGNITION SOURCES AND IN AREAS OF GOOD

VENTILATION.

Other Precautions:AVOID PROLONGED SKIN CONTACT, BREATHING VAPORS, AND CONTAMINATED CLOTHING. USE WITH ADEQUATE VENTILATION. WEAR RECOMMENDED PROTECTIVE EQUIPMENT. PRACTICE GOOD PERSONAL HYGIENE AFTER HANDLING. EMPTY CO NTAINERS RETAIN MATERIAL RESIDUES. DO NOT CUT, WELD, BRAZE, SOLDER OR EXPOSE CONTAINERS TO 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 IF EXPOSURE LIMIT IS EXCEEDED. SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR CONFINED SPA CE ENTRY.

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

Protective Gloves:USE NITRILE OR NEOPRENE GLOVES ARE RECOMMENDED.

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

Other Protective Equipment:LONG SLEEVE SHIRT AND APRON WHEN POTENTIAL FOR SK

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

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

P/N: FB-004.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>300.C, 572.F

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:AIR

Spec Gravity:0.882

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:LESS THAN ETHER

So

lubility in Water:NEGLIGIBLE

Appearance and Odor:RED OILY LIQUID WITH PETROLEUM ODOR

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

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

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE.

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

Toxicological Information:ORAL TOXICITY: SWALLOWING MATERIAL

**MAY CAUSE**

IRRITATION OF THE GASTROINTESTINAL LINING, NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN. EYE IRRITATION: NOT EXPECTED TO CAUSE EYE IRRITATION. SKIN IRRITATION: NOT EXPECTED TO BE A PRIMARY SKIN IRRITANT. PROLONGED OR REPETITIVE CONTACT MAY CAUSE IRRITATION. CARCINOGENIC: THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

===== **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:CONSULT FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING DISPOSAL METHODS. RECYCLE USED OIL. DO NOT CONTAMINATE USED OIL WITH SOLVENTS OR OTHER CHEMICALS.

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

Transport Information:SEE 49 CFR PART 171.8 THROUGH 178.510. DOT SHIPPING NAME: OIL, N.O.S.; DOT HAZARD CLASS: COMBUSTIBLE LIQUID. UN/NA NUMBER: NA; GUIDE NUMBER: 27. MATERIAL CLASSIFIED AS DOT COMBUSTIBLE LIQUIDS (FLASH POINT >141F AND 392F, COC.)

===== **Regulatory Information**=====

SARA Title III Information:SARA 311/312: NOT LISTED. SARA 313: CONTAINS < 1% BARIUM COMPOUNDS AND < 1% DIMETHYLBENZENE (XYLENE). CERCLA: LISTED.

Federal Regulatory Information:ALL COMPONENTS OF THIS PRODUCT ARE ON THE US TSCA INVENTORY. RCRA: NOT LISTED.

State Regulatory Information:CAL PROP 65: NOT LISTED.

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