

TECHNOLUBE PRODUCTS COMPANY -- A0681, MIL-PRF-6081D GR 1010 # 56B -- 9150-00-231-6676  
===== Product Identification =====

Product ID:A0681, MIL-PRF-6081D GR 1010 # 56B  
MSDS Date:05/18/2000  
FSC:9150  
NIIN:00-231-6676  
Status Code:A  
MSDS Number: CKNWB  
=== Responsible Party ===  
Company Name:TECHNOLUBE PRODUCTS COMPANY  
Address:8015 PARAMOUNT BLVD  
City:PICO RIVERA  
State:CA  
ZIP:90660-4888  
Country:US  
Info  
Phone Num:562-776-4000  
Emergency Phone Num:562-776-4000  
Resp. Party Other MSDS Num.:CODE: A0681  
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  
CAGE:8Y842

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

Ingred Name:HYDROTREATED LIGHT NA  
PHTHENIC DISTILLATE  
CAS:64742-53-6  
RTECS #:PY8036000  
&lt; Wt:100.  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:HYDROTREATED RESIDUAL OIL  
CAS:64742-57-0  
&lt; Wt:5.  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:2,6-DI-TERTBUTYL-P-CRESOL  
CAS:128-37-0  
RTECS #:GO7875000  
&lt; Wt:1.  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:10 MG/M3

Ingred Name:TOLYLTRIAZOLE

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: 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,  
INCLUDING DERMATITIS. 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 IRRITATION OF THE GASTROINTESTINAL  
LINING, NAUSEA, VOMITING, DIARRHEA AND STOMACH DISCOMFORT.  
Explanation of Carcinogenicity:THIS MATERIAL HAS NOT BEEN IDENTIFIED AS  
A CARCINOGEN BY NTP, IARC, OR OSHA.  
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS.  
INHALATION: IRRITATION OF RESPIRATORY SYSTEM. ORAL: NAUSEA,  
VOMITING, DIARRHEA, STOMACH DIS  
COMFORT.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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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. EYES: 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.

LAUNDRY 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. U

SE WATER ONLY FOR COOLING

CONTAINER. WATER MAY CAUSE SPLATTERING, OR TRANSPORT THE FLAME.

Unusual Fire/Explosion Hazard: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 AND SEWER SYSTEMS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID PROLONGED SKIN CONTACT, BREATHING VAPORS, AND CONTAMINATED CLOTHING. USE WITH ADEQUATE VENTILATION. STORE IN CLOSED CONTAINERS OF PROPER CONSTRUCTION. STORE AWAY

FROM IGNITION SOURCES AND IN AREAS OF GOOD VENTILATION.

Other Precautions:WEAR RECOMMENDED PROTECTIVE EQUIPMENT. PRACTICE GOOD PERSONAL HYGIENE AFTER HANDLING. EMPTY CONTAINERS RETAIN MATERIAL RESIDUE. DO NOT CUT, WELD, BRAZE, SOLDER, OR EXPOSE CONTAINERS TO OTHER IGNITION SOURCES.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND DUST/MIST CARTRIDGE IF 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:USE NITRILE OR NEOPRENE GLOVES ARE RECOMMENDED.

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

Other Protective Equipment:LONG SLEEVE SHIRT AND APRON WHEN POTENTIAL FOR SKIN CONTACT. WEAR NEOPRENE OR NITRILE RUBBER BOOTS WHEN NECESS

ARY TO AVOID CONTAMINATED SHOES.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPOSURE LIMITS: OLV = 5 MG/M3 AS OIL MIST.

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

HCC:V6

Boiling Pt:>300.C, 572.F

Vapor Pres:AIR

Spec Gravity:0.876

pH:N/D

Evaporation Rate & Reference:>ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER OILY LIQUID; PETROLEUM ODOR.

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

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Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:MATERIAL IS NORMALLY STABLE AT AMBIENT TEMPERATURE AND PRESSURE. DO NOT HEAT ABOVE THE FLASH POINT.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== 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 SOLVENT OR OTHER CHEMICALS.

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

Transport Information:DOT SHIPPING NAME: OIL, N.O.S.; HAZARD CLASS: COMBUSTIBLE LIQUID; UN/NA NUMBER:N/A; GUIDE NUMBER: 27; IMDG CODE:

N/P. MATERIALS CLASSIFIED AS DOT COMBUSTIBLE LIQUIDS (FLASH POINT >141F) ARE NOT REGULATED BY DOT IN CONTAINERS OF 110 GALLONS, OR LESS FOR DOMESTIC SHIPMENTS.

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

SARA Title III Information:SARA 311: N/P. SARA 312, SARA 313, CAL PROP 65, AND RCRA ARE NOT LISTED. CERCLA: LISTED.

Federal Regulatory Information:TSCA: ALL COMPONENTS OF THIS MATERIAL ARE ON THE US TSCA INVENTORY.

===== Other Information =====

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