

LUBRICATING SPECIALITIES CO, T -- MIL-PRF-83282, C269

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MSDS Safety Information
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FSC: 9150

NIIN: 00-149-7432

MSDS Date: 12/30/1998

MSDS Num: CJFFL

Product ID: MIL-PRF-83282, C269

MFN: 01

Responsible Party

Cage: 2X769

Name: LUBRICATING SPECIALITIES CO, TECHNOLUBE PROD DIV

Address: 8015 PARAMOUNT BLV

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City: PICO RIVERA CA 90660-4811

Info Phone Number: 310-928-3311, CHEMTREC 800-424-9300

Emergency Phone Number: (800)424-9300

Resp. Party Other MSDS No.: A3014

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Item Description Information
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Item Manager: S9G

Item Name: HYDRAULIC FLUID,FIRE RESISTANT

Specification Number: MIL-H-83282

Type/Grade/Class: NONE

Unit of Issue: GL

UI Container Qty: 6

Type of Container: PPP-C-96,I

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Ingredients
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Cas: 68037-01-4

Name: 1-DECENE, HOMOPOLYMER, HYDROGENATED
< Wt: 70.

Cas: 33703-08-1

Name: HEXANEDIOIC ACID, DIISONONYL ESTER
< Wt: 30.

Name: 1-BUTYLPHENYL DIPHENYL PHOSPHATE
< Wt: 1.

Cas: 41484-35-9

RTECS #: DA8342500

Name: THIODIETHYLENE BIS(3,5-DI-TERT-BUTYL-4-HYDROXYHYDROCINNAMATE)

< Wt: 1.

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

Cas: 1330-20-7
RTECS #: ZE2100000
Name: DIMETHYLBENZENE
< 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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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestio
n: YES

Effects of Exposure: EYES-MAY CAUSE EYE IRRITATION IF SPLASHED IN EYES.
SKIN-REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION WHICH MAY LEAD TO
VARIOUS SKIN DISORDERS. INHALED-MAY CAUSE MILD IRRITATION OF THE RESPIRATORY
SYSTEM. INGESTED-MAY CAUSE NAUSEA, DIARRHEA AND STOMACH DISCOMFORT.

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

Signs And Symptoms Of Overexposure: EYES-IRRITATION. SKIN-IRRITATION.
INHALED-RESPIRATORY IRRITATION. INGESTED-NAUSEA, DIARRHEA & STOMACH
DISCOMFORT.

First Aid: INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS, GIVE 2 GLASSES OF
WATER.GET IMMEDIATE MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR AT LEAST 15
MINUTES. GET MEDICAL ATTENTION IF EYE IRRITATION DEVELOPS OR PERSISTS.
SKIN-WASH IMMEDIATELY WITH SOAP & WATER. REMOVE SOILED CLOTHES. GET
MEDICAL ATTENTION IF IRRITATION DEVELOPS. LAUNDRY CONTAMINATED CLOTHES.
INHALED-REMOVE TO FRESH AIR. IF BREATHING LABOR
ED, GIVE OXYGEN & GET
IMMEDIATE MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: EVACUATE ALL NON-ESSENTIAL PERSONNEL. PERSONAL
PROTECTIVE EQUIPMENT MUST BE WORN. REMOVE SOURCES OF IGNITION. PREVENT ENTRY
INTO SEWERS & WATERWAYS. CONTAIN RELEASE, PICK UP FREE LIQUID FOR
RECYCLING OR DISPOSAL. RESIDUAL LIQUID CAN BE ADSORBED WITH INERT MATERIAL.
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CK DOT/CERCLA AND OTHER AGENCIES FOR REPORTING REQUIREMENTS. PREVENT CONTAMINATION TO SOIL, WATERWAYS AND SEWER SYSTEMS.

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.

Handling And Storage Precautions: USE WITH ADEQUATE VENTILATION WEAR RECOMMENDED PROTECTIVE EQUIPMENT. EMPTY CONTAINERS RETAIN MATERIAL RESIDUE. DO NOT CUT, WELD, BRAZE, SOLDER OR EXPOSE CONTAINERS TO OTHER IGNITION

SOURCES. STORE IN 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.

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point: >200.C, 392.F

Extinguishing Media: C

ARBON DIOXIDE, DRY CHEMICAL, OR FOAM. AVOID USING WATER.

Fire Fighting Procedures: RECOMMEND SCBA.

Unusual Fire/Explosion Hazard: USE WATER ONLY FOR COOLING CONTAINER. WATER MAY CAUSE SPLATTERING, OR TRANSPORT THE FLAME.

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Control Measures
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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: 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 SKIN CONTACT. WEAR NEOPRENE OR NITRILE RUBBER BOOTS WHEN NECESSARY TO AVOID CONTAMINATING SHOES.

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Physical/Chemical Properties
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HCC: V6

Boiling Point: >300.C, 572.F

Vapor Pres: <0.01MM HG@20C

Spec Gravity: 0.854

PH: N/D

Evaporation Rate & Reference: LESS THAN ETHER

Solubility in Water: NEGLIGIBLE

Appearance and Odor: RED OILY LIQUID, PETROLEUM ODOR

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Reactivity Data
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Stability Condition To Avoid: MATERIAL IS NORMALLY STABLE AT AMBIENT TEMPERATURE AND PRESSURE.

Materials To Avoid: OXIDIZING AGENTS. DO NOT HEAT ABOVE THE FLASH POINT.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE.

Hazardous Polymerization Indicator: NO

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

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Ecological Information

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

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MSDS Transport Information

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Transport Information: SEE 49 CFR PART 171.8 THRU 178.510. DOT SHIPPING NAME: OIL, NOS; DOT HAZARD CLASS: COMBUSTIBLE LIQUID; UN/NA NUMBER N/A; GUIDE NUMBER 27. MATERIALS CLASSIFIED AS DOT COMBUSTIBLE LIQUIDS (FLASH POINT >141F AND <200F) ARE NOT REGULATED BY DOT IN CONTAINERS OF 110 GALLONS OR LESS FOR DOMESTIC SHIPMENTS.

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Regulatory Information

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SARA Title III Information: SARA 311/312: NOT LISTED. SARA 313: CONTAINS <1% DIMETHYLBENZENE (XYLENE). Federal Regulatory Information: RCRA: NOT LISTED. CERCLA: NOT LISTED. State Regulatory Information: CAL PROP 65: NOT LISTED.

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Other Information

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Transportation Information

Responsible Party Cage: 2X769

Trans ID NO: 141842

Product ID: MIL-PRF-83282, C269

MSDS Prepared Date: 12/30/1998

Review Date: 04/26/1999

MFN: 1

Net Unit Weight: 7.1 LBS

Multiple KIT Number: 0

Unit Of Issue: GL

Container QTY: 6

Type Of Container: PPP-C-96,I

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Detail DOT Information

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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA I

nformation

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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information

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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label

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Product ID: MIL-PRF-83282, C269

Cage: 2X769

Company Name: TECHNOLUBE PRODUCT COMPANY

Street: 8015 PARAMOUNT BLVD.

City: PICO RIVERA CA

Zipcode: 90660-4811

Health Emergency Phone: (800)424-9300

Label Required IND: Y

Date Of Label Review: 04/26/1999

Status Code: A

Year Procured: 1999

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: N

one

Hazard And Precautions: TARGET ORGANS: SKIN, EYE, LUNGS. EYES-MAY CAUSE EYE IRRITATION. SKIN-REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION. INHALED-MAY CAUSE MILD IRRITATION OF THE RESPIRATORY TRACT. INGESTED-MAY CAUSE NAUSEA, DIARRHEA AND STOMACH DISCOMFORT. INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS, GIVE 2 GLASSES OF WATER.GET IMMEDIATE MEDICAL ATTN. EYES-FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL A TTN IF EYE IRRITATION DEVELOPS OR PERSISTS. SKIN-WASH IMMEDIATELY WITH SOAP & WATER. REMOVE SOILED CLOTHES. GET MEDICAL ATTN IF IRRITATION DEVELOPS. INHALED-REMOVE TO FRESH AIR. IF BREATHING LABORED, GIVE OXYGEN & GET IMMEDIATE MEDICAL ATTN.

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