

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

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MSDS Safety Information
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FSC: 9150

NIIN: 01-009-7709

MSDS Date: 12/30/1998

MSDS Num: CJFHB

Product ID: MIL-PRF-83282, C269

MFN: 01

Responsible Party

Cage: 2X769

Name: LUBRICATING SPECIALITIES CO, TECHNOLUBE PROD DIV

Address: 8015 PARAMOUNT BLV

D

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: DR

Quantitative Expression: 00000000010GL

UI Container Qty: 1

Typ

e of Container: 1A1

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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 - In

halation: YES

Skin: YES

Ingestion: 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. LAUNDER 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 ADB

ORBED WITH INERT MATERIAL.

CHECK 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: CARBON 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 I

S 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 NEC

ESSARY 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 AFFECTS 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

>1

41F 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
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Responsible Party Cage: 2X769
Trans ID NO: 141892
Product ID: MIL-PRF-83282, C269
MSDS Prepared Date: 12/30/1998
Review Date: 04/28/1999
MFN: 1
Net Unit Weight: 71 LB
Multiple KIT Number: 0
Unit Of Issue: DR
Container QTY: 1
Type Of Container: 1
A1
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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 Information
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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: 04/28/1999
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: Slig
ht

Reactivity Hazard: None
Hazard And Precautions: TARGET ORGANS: SKIN, EYES, LUNGS. 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. INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS, GIVE 2 GLASSES OF WATER.GET IMMEDIATE MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR A
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particular situation regardless of similarity to a corresponding Department
of Defense or other government situation.