

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

=====  
MSDS Safety Information  
=====

FSC: 9150

NIIN: 00-180-6290

MSDS Date: 12/30/1998

MSDS Num: CJFGZ

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

=====  
Item Description Information  
=====

Item Manager: S9G

Item Name: HYDRAULIC FLUID,FIRE RESISTANT

Specification Number: MIL-H-83282

Type/Grade/Class: NONE

Unit of Issue: DR

Quantitative Expression: 00000000055GL

UI Container Qty: 1

Typ

e of Container: 1A1 18/18GAGE

=====  
Ingredients  
=====

Cas: 68037-01-4

Name: 1-DECENE, HOMOPOLYMER, HYDROGENATED

&lt; Wt: 70.

-----  
Cas: 33703-08-1

Name: HEXANEDIOIC ACID, DIISONONYL ESTER

&lt; Wt: 30.

-----  
Name: 1-BUTYLPHENYL DIPHENYL PHOSPHATE

&lt; Wt: 1.

-----  
Cas: 41484-35-9

RTECS #: DA8342500

Name: THIODIETHYLENE BIS(3

,5-DI-TERT-BUTYL-4-HYDROXYHYDROCINNAMATE)

&lt; Wt: 1.

-----  
Cas: 29385-43-1

RTECS #: DM1300000

Name: TOLYLTRIAZOLE

&lt; Wt: 1.  
-----

Cas: 1330-20-7

RTECS #: ZE2100000

Name: DIMETHYLBENZENE

&lt; 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  
=====

Health Hazards Data  
=====

Route Of Entry

Inds - Inhalation: 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-I

RRITATION. 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.

INHAL

ED-REMOVE TO FRESH AIR. IF BREATHING LABOR ED, GIVE OXYGEN & GET IMMEDIATE MEDICAL ATTENTION.  
=====

Handling and Disposal  
=====

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 ADBORBED 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.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point Method: COC

Flash Poin

t: >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.

=====  
Control Measures  
=====

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND DUST/MIST C

ARTRIDGE 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 BOOT

S WHEN NECESSARY TO AVOID CONTAMINATING SHOES.

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

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

=====  
Reactivity Data  
====

=====  
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.

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

=====  
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.

=====  
Ecological Information  
=====

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

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

=====  
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.

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

=====  
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.

=====

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

=====  
Transportation Information  
=====

Responsible Party Cage: 2X769  
Trans ID NO: 141891  
Product ID: MIL-PRF-83282, C269  
MSDS Prepared Date: 12/30/1998  
Review Date: 04/28/1999  
MFN: 1  
Net Unit Weight: 300 LB  
Multiple KIT Number: 0  
Unit Of Issue: DR  
Container QTY: 1  
Type Of Container: 1A1 18/18GAGE  
=====

=====  
Detail DOT Information  
=====

DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
Detail IMO Information  
=====

IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
=====

=====  
Detail IATA Information  
=====

IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
Detail AFI Information  
=====

AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
HAZCOM Label  
=====

=====  
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: Slight  
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 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.

=====  
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability

of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.