

MSDS Safety Information

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 BLVD
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: GL
UI Container Qty: 6
Type of Container: PPP-C-96,I

Ingredients

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

=====

Health Hazards Data

=====

Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Effects of Exposure: EYES-MAY CAUSE EYE IRRITATION IF SPLA
SHED IN EYES.

SKIN-REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION WHICH MAY LEAD TO
VARIOUS SKIN DISORDERS. INHALED-MAY CAUSE MILD IRRITATION OF THE RESPIRATOR Y
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 Symptions Of Overexposure: EYES-IRRITATION. SKIN-IRRITATION.
INHALED-RESPIRATORY IRRITATION. INGESTED-NAUSEA, DIARRHEA & STOMACH
DIS
COMFORT.

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.

=====

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. PREV

ENT
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 Point: >200.C, 392.F

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, OR FOAM. AVOID USING WATER.

Fire Fig

hting 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 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.

=====

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 STA

BLE 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 EFFECTS 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 >141F 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: 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
=====

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 Nam

e: 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: None

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 MEDIC

AL ATTN IF IRRITATION DEVELOPS.

INHALED-REMOVE TO FRESH AIR. IF BREATHING LABORED, GIVE OXYGEN & GET IMMEDIATE MEDICAL ATTN.

=====

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.