

LUBRICATING SPECIALITIES CO, T -- MIL-H-46170B<2> TYPE I HYD FLUID

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MSDS Safety Information
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FSC: 9150
NIIN: 01-158-0462
MSDS Date: 12/05/1995
MSDS Num: BHCWC
Product ID: MIL-H-46170B<2> TYPE I HYD FLUID
MFN: 01
Responsible Party
Cage: 2X769
Name: LUBRICATING SPECIALITIES CO, TECHNOLUBE PROD DIV
Address:
8015 PARAMOUNT BLVD
City: PICO RIVERA CA 90660-4888
Info Phone Number: 562-928-3311, FAX 562-928-1428
Emergency Phone Number: 562-928-3311, CHEMTREC 800-424-9300
Preparer's Name: RICHARD J. EBERHARDT
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: 2X769
Name: TECHNOLUBE PRODUCT COMPANY
Address: 8015 PARAMOUNT BLVD.
City: PICO RIVERA CA 90660-4811
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Contractor Summary
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Cage: 8Y842
Name: LUBRICATING SPECIALTIES CO. TECHNOLUBE PRODUCTS DIV
Address: 3365 E. SLAUSON AVE
City: LOS ANGELES CA 90058
Phone: 562-776-4033; FAX:562-776-4003
Cage: 1DL10
Name: NAUGHTON ENERGY CORP
Address: RT 940
Box: 709
City: POCONO PINES PA 18350-0709
Phone: 570-646-0422
Cage: 2X769
Name: TECHNOLUBE PRODUCT COMPANY
Address: 8015 PARAMOUNT BLVD.
City: PICO RI

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Item Description Information
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Item Manager: S9G
Item Name: HYDRAULIC FLUID,FIRE RESISTANT
Specification Number: MIL-H-46170B
Type/Grade/Class: TYPE I
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 0
Type of Container: DRUM
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Ingredients
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Cas: 68649-12-7
Name: SYNTHETIC HYDROCARBON BASE OIL
% Wt: <70.0
Other REC Limits: NOT ESTABLISHED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 27178-16-1
Name: LUBRICANT ESTER BASE
% Wt: <25.0
Other REC Limits: NOT ESTABLISHED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
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Health Hazards Data
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Route Of Entry Inds - Inhalation: NO
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE: INGEST, EYE, SKIN: NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE PERSONS. INHALE: NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED TO OCCUR ON SHORT TERM EXPOSURE. CHRONIC: PROLONGED AND/OR REPEATED CONTACT MAY PRODUCE MILD SKIN IRRITATION AND INFLAMMATION OF THE SKIN.
Explanation Of Carcinogenicity: NONE OF THE COM

POUNDS IN THIS PRODUCT IS LISTED

BY IARC, NTP, OR OSHA AS A CARCINOGEN. DATA PER MSDS.

Signs And Symptoms Of Overexposure: SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated By Exposure: SENSITIVE INDIVIDUALS OR PERSONS WITH PRE-EXISTING SKIN DISORDERS SHOULD AVOID CONTACT.

First Aid: INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED

CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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Handling and Disposal

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Spill Release Procedures: STOP FLOW. WIPE OR MOP UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE CONTAINER FOR DISPOSAL.

Waste Dis

posal Methods: CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions: AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION. EXCESSIVE MISTING MAY CAUSE SLIPPERY FLOORS. PROPER FOOTWEAR REQUIRED.

Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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Fire and Explosion Hazard Information

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Flash Point Method: COC

Flash Point Text: >392F, >200C

Extinguishing Media: USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: SLIGHTLY COMBUSTIBLE, WHEN HEATED ABOVE FLASH POINT, WILL RELEASE FLAMMABLE VAPORS WHICH CAN BURN IN OPEN OR BE EXPLOSIVE IN CONFINED SPACES WITH IGNITION SOUR.

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Control Measures

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Respiratory Protection: NORMALLY NOT REQUIRED; USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation: NORMAL ROOM VENTILAT

ION OR GENETAL/LOCAL TO MAINTAIN PEL/TLV.

Protective Gloves: NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection: SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health: AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES

. DO NOT BREATHE VAPORS OR MISTS.

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Physical/Chemical Properties
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HCC: V6

B.P. Text: >572F,>300C

Decomp Text: UNKNOWN

Vapor Pres: <0.01MMHG

Vapor Density: >1.0 AIR=1

Spec Gravity: 0.854

Solubility in Water: NEGLIGIBLE

Appearance and Odor: AMBER OILY LIQUID,PETROLEUM ODOR

Percent Volatiles by Volume: NIL

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: DO NOT HEAT ABOVE FLASH POINT.

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON MONOXIDE AND ASPHYXIANTS

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 2X769
Trans ID NO: 111921
Product ID: MIL-H-46170B
TYPE I HYD FLUID
MSDS Prepared Date: 12/05/1995
Review Date: 08/03/1998
MFN: 1
Net Unit Weight: 391.3 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: DR
Container QTY: 0
Type Of Container: DRUM
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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-H-46170B<2> TYPE I HYD FLUID
Cage:

2X769

Company Name: TECHNOLUBE PRODUCT COMPANY

Street: 8015 PARAMOUNT BLVD.

City: PICO RIVERA CA

Zipcode: 90660-4811

Health Emergency Phone: 213-928-3311(800-424-9300 CHEMTREC)

Label Required IND: Y

Date Of Label Review: 08/16/1990

Status Code: C

Label Date: 08/16/1990

Year Procured: 1990

Origination Code: F

Chronic Hazard IND: Y

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: None

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: ACUTE: ING

EST, EYE, SKIN: NOT NORMALLY EXPECTED TO

CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE PERSONS. INHALE: NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED TO OCCUR ON SHORT TERM EXPOSURE. CHRONIC: PROLONGED AND/OR REPEATED CONTACT MAY PRODUCE MILD SKIN IRRITATION AND INFLAMMATION OF THE SKIN. AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION. EXCESSIVE MISTING MAY CAUSE SLIPPE RY FLOORS. PROPER FOOTWEAR REQUIRED.

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