

LUBRICATING SPECIALITIES CO, T -- MIL-H-46170 B TYPE I HYD FLUID,A 1750

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MSDS Safety Information
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FSC: 9150
NIIN: 00-111-6256
MSDS Date: 05/11/1993
MSDS Num: BXFPJ
Product ID: MIL-H-46170 B TYPE I HYD FLUID,A 1750
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: 310-928-3311
Emergency Phone Number: 310-928-3311/800-424-9300(CHEMTREC)
Preparer's Name: RICHARD J. EBERHARDT
Review Ind: Y
Published: Y

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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: 2X769
Name: TECHNOLUBE PRODUCT COMPANY
Address: 8015 PARAMOUNT BLVD.
City: PICO RIVERA CA 90660-4811
Phone: 562 776-4000 GEN: 562-776-4000

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Item Description Information
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Item Manager: S9G
Item Name: HYDRAULIC FLUID,FIRE RESISTANT
Specification Number: MIL-H-46170
Type/Grade/Class: I TYPE
Unit of Issue: QT
UI Container Qty: 1
Type of Container: CAN
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Ingredients
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Cas: 68649-12-7

Name: POLYALPHAOLEFIN BASE STOCK

% Wt: <70

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 27178-16-1

RTECS #: AV1485000

Name: ADIPIC ACID, DIISODECYL ESTER/LUBRICANT ESTER

% Wt: <25

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED
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Health Hazards Data
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LD50 LC50 Mixture: TLV FOR OIL MIST IS 5 MG/M3.

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS.

ACUTE- EYE/SKIN/INGESTION:NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS. INHALATION:NO SIGNIFICANT ADVERSE HEALTH EFFECTS A

RE EXPECTED TO OCCUR ON SHORT TERM EXPOSURE. CHRONIC- MAY CAUSE MILD SKIN IRRITATION & INFLAMMATION.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, INFLAMMATION

Medical Cond Aggravated By Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYE

LIDS OPEN. SKIN:WIPE OFF EXCESS. WASH SKIN WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, MONITOR FOR BREATHING DIFFICULTY.

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Handling and Disposal
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Spill Release Procedures: VENTILATE AREA. RECOVER FREE OIL IF POSSIBLE. ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND, CLAY, EARTH & SHOVELD INTO CONTAINERS FOR LATER D

DISPOSAL. PREVENT RUN-OFF TO ENTER WATERWAYS, SEWERS. ALL RESPONSE ACTIVITIES MUST COMPLY WITH HAZWOPER.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSE OF WASTE IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. RCRA EMERGENCY NUMBER: 800-424-9346. DO NOT CONTAMINATE ANY LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLY. INCINERATION IS RECOMMENDED.

Handling And Storage Precautions: STORE IN COOL, DRY PLACE AWAY FROM HEAT, FLAME & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT

OF REACH OF CHILDREN.

Other Precautions: DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. WATER CONTAMINATION SHOULD BE AVOIDED. AVOID BREATHING OIL MIST. DISCARD LUBRICANT-SOAKED SHOES. REMOVE LUBRICANT-SOAKED CLOTHING AND LAUNDRER BEFORE RE-USE.

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point Text: >392F,>200C

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM/DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT MAY FLOAT & REIGNITE.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: CONTAINER MAY BURST. CAN RELEASE FLAMMABLE VAPORS

WHICH CAN BURN IN OPEN OR BE EXPLOSIVE IN CONFINED SPACES IF EXPOSED TO SOURCE OF IGNITION.

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Control Measures
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Respiratory Protection: NONE NORMALLY REQUIRED. IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective

Gloves: NITRILE OR NEOPRENE RECOMMENDED
Eye Protection: SAFETY GLASSES, FACE SHIELD
Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE
WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

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Physical/Chemical Properties
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HCC: V6
NRC/State LIC No: NOT RELEVANT
B.P. Text: >572F,&
>300C
M.P/F.P Text: UNKNOWN
Decomp Text: UNKNOWN
Vapor Pres: <0.01 @68F
Vapor Density: >1
Spec Gravity: 0.854
Viscosity: UNKNOWN
Solubility in Water: NEGLIGIBLE
Appearance and Odor: AMBER OIL - PETROLEUM ODOR
Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HEAT ABOVE FLASH POINT, OPEN FLAME
Materials To Avoid: STRONG OXIDIZING AGE
NTS
Hazardous Decomposition Products: MAY PRODUCE FUMES, SMOKE, CARBON MONOXIDE,
CARBON DIOXIDE.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT

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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: 48105
Product ID: MIL-H-46170 B TYPE I HYD FLUID,A 1750
MSDS Prepared Date: 05/11/1993
Review Date: 07/19/1995
MFN: 1
Net Unit Weight: 1.8 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: QT
Container QTY: 1
Type Of Container: CAN
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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-46170 B TYPE I HYD FLUID,A 1750

Cage: 2X769

Company Name: TECHNOLUBE PRODUCT COMPANY

Street: 8015 PARAMOUNT BLVD.

City: PICO RIVERA CA

Zipcode: 90660-4811

Health

Emergency Phone: 310-928-3311/800-424-9300(CHEMTREC)

Label Required IND: Y

Date Of Label Review: 07/19/1995

Status Code: C

MFG Label NO: NOT RELEVANT

Label Date: 07/19/1995

Year Procured: 1995

Origination Code: F

Eye Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS.

ACUTE- EYE/SKIN/INGESTION:NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS. INHALE:NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED TO OCCUR ON SHORT TERM EXPOSURE. CHRONIC- MAY CAUSE MILD SKIN IRRITATION & INFLAMMATION. STORE AWAY FROM STRONG OXIDANTS. ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WIPE OFF EXCESS. WASH SKIN WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. CALL PHYSICIAN.

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