

LUBRICATING SPECIALITIES CO, T -- MIL-H-5606F(1) HYD FLUID MLS 89-10

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MSDS Safety Information
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FSC: 9150
NIIN: 00-265-9408
MSDS Date: 10/30/1991
MSDS Num: BRLXG
Product ID: MIL-H-5606F(1) HYD FLUID MLS 89-10
MFN: 02
Responsible Party
Cage: 2X769
Name: LUBRICATING SPECIALITIES CO, TECHNOLUBE PROD DIV
Address: 8015
PARAMOUNT BLVD
City: RICO RIVERA CA 90660-4888
Info Phone Number: 213-928-3311
Emergency Phone Number: 213-928-3311
Preparer's Name: RICHARD J. EBERHARDT
Review Ind: Y
Published: Y

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Contractor Summary
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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 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,PETROLEUM BASE
Specification Number: MIL-H-5606
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 1
Type of Container: DRUM

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Ingredients
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Cas: 64742-46-7
RTECS #: JN9379645
Name: HYDROTREATED MIDDLE PETROLEUM DISTILLATE
% Wt: <85
Other REC Limits: NONE SPECIFIED
OSHA PEL: 5 MG/M3 (OIL MIST)
ACGIH TLV: 5 MG/M3 (OIL MIST)

Cas: 64741-97-5
RTECS #: PY8041000
Name: DISTILLATES, SOLVENT-REFINED LIGHT NAPHTHENIC
% Wt: UNKNOWN
Other REC Limits: NONE SPECIFIED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM

Cas: 64742-53-6
RTECS #: PY8036000
Name: MI
NERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT NAPHTHENIC
% Wt: UNKNOWN
Other REC Limits: NONE SPECIFIED
OSHA PEL: 5 MG/M3 (OIL MIST)
ACGIH TLV: 5 MG/M3 (OIL MIST)
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Health Hazards Data
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS > 5 G/KG
Route Of Entry Inds - Inhalation: NO
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE-INGESTION:
NOT NORMALLY EXPECTED TO CAUSE ANY ILL
EFFECTS. INHALATION: NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED FOR
SHORT TERM EXPOSURE. EYE: NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFF ECTS.
SKIN: NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS. CHRONIC:
PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION.
Explanation Of Carcinogenicity: MIDDLE DISTILLATES HAVE CAUSED SKIN CANCER IN
LABORATORY ANIMALS WHEN REPEATEDLY APPLIED AND LEFT IN PLACE.
Signs And Symptions Of Overexposure: DEFATTING O

F SKIN OR IRRITATION.

INHALATION OF VAPORS MAY CAUSE IRRITATION OF THE NOSE AND THROAT, HEADACHE, NOUSEA AND DROWSINESS. INGESTION MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, AND DIARRHEA.

Medical Cond Aggravated By Exposure: BECAUSE OF ITS DEFATTING PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.

First Aid: SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR

& ; RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

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Handling and Disposal
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Spill Release Procedures: VENTILATE AREA. AVOID BREATHING VAPOR. USE SELF-CONTAINED BREATHING APPARATUS. STOP FLOW. WIPE OR MOP UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE CONTAINER FOR DISPOSAL. AVOID CONTACT WITH SKIN, EYES OR CLOTHING

Waste Disposal Methods: USED MATERIAL MAY BE HAZARDOUS. DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

Handling And Storage Precautions: MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. AVOID WATER CONTAMINATION

Other Precautions: EMPTY CONTAINERS RETAIN RESIDUE. DO NOT PRESSURIZE, CUT, WELD OR EXPOSE TO HEAT, FLAME, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY.

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Fire and Explosion Hazard Information
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Flash Point Method: PMCC

Flash Point Text: 180F,82C

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

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

Fire Fighting Procedures: DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND SELF CONTAINED BREATHING APPARATUS.

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

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Control Measures
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Respiratory Protection: N

ONE NORMALLY REQUIRED. USE NIOSH APPROVED
SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN SPRAYING OR
USING IN CONFINED SPACES.

Ventilation: PROVIDE ADEQUATE VENTILATION TO MEET COMPONENT OCCUPATIONAL
EXPOSURE LIMITS.

Protective Gloves: PVC

Eye Protection: GOGGLES

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER. CHEMICALLY
RESISTANT BOOTS AND APRONS RECOMMENDED.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING,
DRINKING OR SMOKING. LA

UNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health: DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

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Physical/Chemical Properties
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HCC: V6

B.P. Text: 347F,175C

M.P/F.P Text: -76F,-60C

Decomp Text: UNKNOWN

Vapor Pres: <0.01

Vapor Density: >1;AIR=1

Spec Gravity: 0.868

Viscosity: 13.2 CST @40C

Solubility in Water: NEGLIGIBLE

Appearance and Odor: RED, OILY LIQUID,
PETROLEUM ODOR

Percent Volatiles by Volume: NIL

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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: 63921
Product ID: MIL-H-5606F(1) HYD FLUID MLS 89-10
MSDS Prepared Date: 10/30/1991
Review Date: 09/03/1993
MFN: 2
Net Unit Weight: 397.5 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: DR
Container QTY: 1
Type Of
Container: DRUM
Additional Data: NONE

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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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ZCOM Label

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Product ID: MIL-H-5606F(1) HYD FLUID MLS 89-10
Cage: 2X769
Company Name: TECHNOLUBE PRODUCT COMPANY
Street: 8015 PARAMOUNT BLVD.
City: PICO RIVERA CA
Zipcode: 90660-4811
Health Emergency Phone: 213-928-3311
Label Required IND: Y
Date Of Label Review: 09/03/1993
Status Code: C
Label Date: 09/03/1993
Year Procured: 1993
Origination Code: G
Chronic Hazard IND: Y
Skin Protection IND: YES
Signal Word: CAUTION
Health Hazard: Slight
Co
ntact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None

Hazard And Precautions: ACUTE-INGESTION: NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS. INHALATION: NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED FOR SHORT TERM EXPOSURE. EYE: NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFF ECTS. SKIN: NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS. CHRONIC: PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION. MAY CAUSE DEFATTING OF SKIN OR IRRITATION. INHALATION OF VAPORS MAY CAUSE IRRITATI ON OF THE NOSE AND THROAT, HEADACHE, NOUSEA AND DROWSINESS. INGESTION MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, AND DIARRHEA.

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