

LUBRICATING SPECIALTIES TECHNO -- MIL H 46001D ISO 46

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MSDS Safety Information
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FSC: 9150

NIIN: 00-966-8835

MSDS Date: 02/12/1999

MSDS Num: CLCPT

Product ID: MIL H 46001D ISO 46

MFN: 01

Responsible Party

Cage: 8Y842

Name: LUBRICATING SPECIALTIES CO. TECHNOLUBE PRODUCTS DIV

Address: 3365 E. SLAUSON
AVE

City: LOS ANGELES CA 90058

Info Phone Number: 562-776-4033; FAX:562-776-4003

Emergency Phone Number: 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-46001

Type/Grade/Class: GRADE 3

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: 64742-54-7

RTECS #: PY8035500

Name: HYDROTREATED DISTILLATE, HEAVY PARAFFINIC

< Wt: 100.
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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Effects of Exposure: EYE:MAY CAUSE EYE IRRITATION IF SPLASHED INTO EYES. SKIN:
REPEATED OR PROLONGED CONTACT WITH

SKIN MAY CAUSE IRRITATION WHICH MAY LEAD TO VARIOUS SKIN DISORDERS. AVOID PROLONGED SKIN CONTACT. INHALATION: INHALATION OF VAPOR OR OIL MIST FROM THIS PRODUCT MAY CAUSE MILD IRRITATION OF THE RESPIRATORY SYSTEM. USE IN WELL VENTILATED AREAS. ORAL: INGESTION 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: ORAL: INGESTION MAY CAUSE NAUSEA, DIARRHEA AND STOMACH DISCOMFORT.

First Aid: ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE 2 GLASSES OF WATER. GET IMMEDIATE MEDICAL ATTENTION. EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF EYE IRRITATION DEVELOPS OR PERSISTS. SKIN: WASH IMMEDIATELY WITH SOAP AND WATER. REMOVE SOILED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. LAUNDRY CONTAMINATED CLOTHING. INHALATION: REMOVE EXPOSED PERSON TO FRESH AIR. IF BREATHING IS LABORED, ADMINISTER

OXYGEN AND OBTAIN IMMEDIATE MEDICAL ATTENTION. IF IRRITATION PERSISTS OR IF TOXIC SYMPTOMS ARE OBSERVED, GET MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: EVACUATE ALL NON-ESSENTIAL PERSONNEL. PERSONAL PROTECTIVE EQUIPMENT MUST BE WORN. REMOVE SOURCES OF IGNITION. PREVENT ENTRY INTO SEWERS AND WATERWAYS. CONTAIN RELEASE, PICK UP FREE LIQUID FOR RECYCLING

OR DISPOSAL. RESIDUAL LIQUID CAN BE ABSORBED WITH INERT MATERIAL. CHECK DOT/CERCLA AND OTHER AGENCIES FOR REPORTING REQUIREMENTS.

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: HANDLING- AVOID PROLONGED SKIN CONTACT, BREATHING VAPORS, AND CONTAMINATED CLOTHING. 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.

Other Precautions: STORAGE-STORE IN CLOSED CONTAINERS OF PROPER CONSTRUCTION. STORE AWAY FROM IGNITION SOURCES AND IN AREAS OF GOOD VENTILATION.

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Fire and Explosion Hazard Information
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Flash Point Method: COC
Flash Point: >200.C, 392.F
Extinguishing M

edia: CARBON DIOXIDE, DRY CHEMICAL, OR FOAM. AVOID USING WATER.
Fire Fighting Procedures: RECOMMENDED SCBA. USE WATER ONLY FOR COOLING
CONTAINER. WATE MAY CAUSE SPLATTERING, OR TRANSPORT THE FLAME.
Unusual Fire/Explosion Hazard: CARBON MONOXIDE AND ASPHYXIANTS.

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Control Measures
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR
CARTRIDGE AND DUST/MIST CA
RTRIDGE IF 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 NEOPRANE GLOVES ARE RECOMMENDED.
Eye Protection: SAFETY GLASSES, GOGGLES OR FACE SHIELD ARE RECOMMENDED.
Other Protective Equipment: LONG SLEEVE SHIRT AND PRON WHEN POTENTIAL FOR SKIN
CONTACT. WEAR NEOPRANE OR NITRILE RUBBER BOOTS
WHEN NECESSARY TO AVOID
CONTAMINATING SHOES.
Work Hygienic Practices: PRACTICE GOOD PERSONAL HYGIENE AFTER HANDLING.
Supplemental Safety and Health: EXPOSURE LIMITS: TLV=5 MG/M3 AS OIL MIST.

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Physical/Chemical Properties
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HCC: V5
Boiling Point: >300.C, 572.F
Vapor Pres: >0.01MMHG@20C
PH: N/D
Solubility in Water: NEGLIGIBLE
Appearance and Odor: AMBER OILY LIQUID

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: OXIDIZING AGENTS. DO NOT HEAT ABOVE THE FLASH
POINT.
Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE.
Hazardous Polymerization Indicator: NO

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Toxicological Information
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Toxicological Information: ORAL T

OXICITY: SWALLOWING MATERIAL MAY CAUSE IRRITATION OF THE GASTROINTESTINAL LINING, NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN. EYE IRRITATION: NOT EXPECTED TO CAUSE EYE IRRITATION. SKIN IRRITATION: NOT EXPECTED TO BE A PRIMARY SKIN IRRITANT. PROLONGED OR REPETITIVE CONTACT MAY CAUSE IRRITATION.

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

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MSDS Transport Information
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Transport Information: DOT SHIPPING NAME: OIL, NOS; NA 1270. DOT HAZARD CLASS: NOT REGULATED. 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 SHIPMENT.

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Regulatory Information
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Sara Title III Information: SARA 311, SARA 312, SARA 313: NOT LISTED.

Federal Regulatory Information: TSCA: ALL COMPONENTS OF THIS MATERIALS ARE ON THE US TSCA INVENTORY.

CERCLA: LISTED. RCRA: NOT LISTED.

State Regulatory Information: CAL PROP 65: NOT LISTED.

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Other Information
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Other Information: CODE: HEALTH=1, FIRE=1, REACTIVITY=0. NFPA CODE: HEALTH=1, FIRE=1, REACTIVITY=0. PRECAUTIONARY LABELS: NA.

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Transportation Information
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Responsible Party Code: 8Y842
Trans ID NO: 156926
Product ID: MIL H 46001D ISO 46
MSDS Prepared Date: 02/12/1999
Review Date: 05/10/2001
MFN: 1
Net Unit Weight: 399.5 GAL
Multiple KIT Number: 0
Review IND: Y

Unit Of Issue: DR
Container QTY: 1
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 46001D ISO 46
Cage: 8Y842
Company Name: LUBRICATING SPECIALTIES CO. TECHNOLUBE PRODUCTS DIV
Street: 3365 E. SLAUSON AVE
City: LOS ANGELES CA
Zipcode: 90058
Health Emergency Phone: 562-776-4000
Label Required IND: Y
Date Of Label Review: 05/14/2001
Status Code: A
Origination
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: YES
Health Hazard:

Slight

Contact Hazard: Slight

Fire Hazard: Slight

Hazard And Precautions: CAUTION: TARGET ORGANS: EYES, SKIN, RESPIRATORY & GI TRACT. AVOID PROLONGED OR REPETATIVE CONTACT WITH TARGET ORGANS. SHORT TERM EXPOSURE IS NOT EXPECTED TO CAUSE ANY ADVERSE HEALTH EFFECTS. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION.

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