

LUBRICATING SPECIALTIES CO -- MIL-PRF-87257A, MLS 97-057

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MSDS Safety Information
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FSC: 9150
NIIN: 01-386-6687
MSDS Date: 04/07/2000
MSDS Num: CLBKN
Product ID: MIL-PRF-87257A, MLS 97-057
MFN: 01
Responsible Party
Cage: 8G974
Name: LUBRICATING SPECIALTIES CO
Address: 8015 PARAMOUNT BLVD
City: PICO RI
VERA CA 90660
Info Phone Number: 562-776-4033; 562928-3311
Emergency Phone Number: 562-776-4000
Resp. Party Other MSDS No.: CODE: 19005

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Item Description Information
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Item Manager: S9G
Item Name: HYDRAULIC FLUID,FIRE RESISTANT
Specification Number: MIL-H-87257
Type/Grade/Class: NONE
Unit of Issue: GL
UI Container Qty: 0
Type of Container: CAN

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Ingredients
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Name: SYNTHETIC HYDROCARBON BASE OIL (MSDS HAS CAS 68549-11-6)
Percent by Wt: 70.

Name: T-BUTYLPHENYL DIPHERYL PHOSPHATE
< Wt: 1.

Cas: 128-37-0
RTECS #: GO7875000
Name: 2,6-DI-TERT-BUTYL-P-CRESOL
< Wt: 1.
ACGIH TLV: 10 MG/M3
ACGIH STEL: NOT ESTABLISHED

Cas: 29385-43-1
RTECS #: DM1300000
Name: TOLYLTRIAZOLE
< Wt: 1.

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Cas: 1330-20-7
RTECS #: ZE2100000
Name: DIMETHYLBENZENE (XYLENE)
< 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

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
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 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: EYE: IRRITATION. SKIN: IRRITATION, VARIOUS SKIN DISORDERS. INHALATION: MILD IRRITATION OF RESPIRATORY SYSTEM. ORAL: NAUSEA, DIARRHEA, STOMACH DISCOMFORT.
Medical Cond Aggravated By Exposure: NOT PROVIDED
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: EVAC

UATE 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. PREVENT CONTAMINATION TO SOIL, WATERWAY AND SEWER SYSTEMS.

Neutralizing Agent: NOT PROVIDED

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: AVOID PROLONGED SKIN CONTACT, BREATHING VAPORS, AND CONTAMINATED CLOTHING. USE WITH ADEQUATE VENTILATION. WEAR RECOMMENDED PROTECTIVE EQUIPMENT. PRACTICE GOOD PERSONAL HYGIENE AFTER HANDLING. EMPTY CONTAINERS RETAIN MATERIAL RESIDUE. DO NOT CUT, WELD, BRAZE, SOLDER OR EXPOSE CONTAINERS TO (BELOW)

Other Precautions: HANDLING CONTINUED: OTHER

IGNITION SOURCES. 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: >225.C, 437.F

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

Fire Fighting Procedures: RECOMMEND SCBA. USE WATER ONLY FOR COOLING CONTAINER.

WATER MAY CAUSE SPLATTERING, OR TRANSPORT THE FLAME.

Unusual Fire/Explosion Hazard: HAZARDOUS EXPOSURE TO CARBON MONOXIDE & 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 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

Eye Protection: SAFETY GLASSES, GOGGLES, OR FACESHIELD

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.

Work Hygienic Practices: NOT PROVIDED

Supplemental Safety and Health: NO DATA PROVIDED BY MA

MANUFACTURER

Physical/Chemical Properties

HCC: V6

Boiling Point: >325.C, 617.F

Vapor Pres: <0.01MMHG@20C

Vapor Density: >AIR

Spec Gravity: 0.874

PH: N/D

Solubility in Water: NEGLIGIBLE

Appearance and Odor: RED OILY LIQUID; PETROLEUM ODOR

Reactivity Data

Stability Indicator: YES

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

Materials To Avoid: OXIDIZING AGENTS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE.

Hazardous Polymerization Indicator: NO

Toxicological Information

Toxicological Information: CARCINOGENIC:THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN BY NTP, IARC OR OSHA. ORAL TOXICITY: SWALLOWING MATERIAL MAY CAUSE IRRITATION OF THE 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.

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 THROUGH 178.510. DOT SHIPPING NAME: OIL, N.O.S. DOT HAZARD CLASS: COMBUSTIBLE LIQUID. UN/NA NUMBER: NA. GUIDE NUMBER: 27. MATERIALS CLASSIFIED AS DOT COMBUSTIBLE LIQUIDS (FLASH POINT >141F AND <200F) ARE NOT REGULATED BY DOT IN

CONTAINERS OF 110

(DLA-: 119 GALLONS PER 49 CFR 171.8 BULK PACKAGING DEFINITION, (1) AND (2) AND 49 CFR 173.150 (F)) OR LESS FOR DOMESTIC SHIPMENT S.

Regulatory Information

Sara Title III Information: SARA 311/312: NOT LISTED.
SARA 313: CONTAINS <1% DIMETHYLBENZENE (XYLENE).
Federal Regulatory Information: RCRA: NOT LISTED.
CERCLA: LISTED. TSCA: ALL COMPONENTS OF THIS MATERIA
L ARE ON THE US TSCA
INVENTORY.
State Regulatory Information: CAL PROP 65: NOT LISTED.

Other Information

Other Information: NPCA: HEALTH-1, FIRE-1, REACTIVITY-0, PPE-C. NFPA:
HEALTH-1, FIRE-1, REACTIVITY-0. PRECAUTIONARY LABELS: NONE.

Transportation Information

Respons
ible Party Cage: 8G974
Trans ID NO: 156519
Product ID: MIL-PRF-87257A, MLS 97-057
MSDS Prepared Date: 04/07/2000
Review Date: 04/06/2001
MFN: 1
Net Unit Weight: 7.3 LBS
Multiple KIT Number: 0
Unit Of Issue: GL
Container QTY: 0
Type Of Container: CAN

Additional Data: MATERIALS CLASSIFIED AS DOT COMBUSTIBLE LIQUIDS (FLASH POINT
>141F AND <200F) ARE NOT REGULATED BY D OT IN CONTAINERS OF 110 (DLA-:
119 GALLONS PER 49 CFR 171.8 BULK PACKAGING DEFINITION, (1) AND (2) AND 49
CFR 173.150 (F
)) OR LESS FOR DOMESTIC SHIPMENTS.

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

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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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HAZCO

M Label
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Product ID: MIL-PRF-87257A, MLS 97-057

Cage: 8G974

Company Name: LUBRICATING SPECIALTIES CO

Street: 8015 PARAMOUNT BLVD

City: PICO RIVERA CA

Zipcode: 90660

Health Emergency Phone: 562-776-4000

Label Required IND: Y

Date Of Label Review: 04/06/2001

Status Code: A

Year Procured: 2001

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact H

azard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: COMBUSTIBLE LIQUID! BREATHING OF VAPOR OR MIST SHOULD
BE AVOIDED. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS. TARGET
ORGANS: N/P.
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