

LUBRICATING SPECIALITIES CO, T -- MIL-F-17111 B POWER TRANSMISSION FLUID

=====
MSDS Safety Information
=====

FSC: 9150
NIIN: 00-261-8317
MSDS Date: 07/25/1997
MSDS Num: CCBZG
Product ID: MIL-F-17111 B POWER TRANSMISSION FLUID
MFN: 02
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, FAX 310-928-1428
Emergency Phone Number: 310-928-3311/800-424-9300(CHEMTREC)
Preparer's Name: UNKNOWN
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 8Y842
Name: LUBRICATING SPECIALTIES CO. TECHNOLUBE PRODUCTS DIV
Address: 3365 E. SLAUSON AVE
City: LOS ANGELES CA 90058
Phone: 562-776-4033; FAX:56
2-776-4003
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 RIVERA CA 90660-4811
Phone: 562 776-4000 GEN: 562-776-4000

=====
Item Description Information
=====

Item Manager: S9G
Item Name: HYDRAULIC FLUID,PETROLEUM BASE
Specification Number: MIL

-DTL-17111C
Type/Grade/Class: NONE
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 1
Type of Container: CAN

=====
Ingredients
=====

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

=====
Health Hazards Data
=====

LD50 LC50 Mixture: TLV FOR OIL MIST IS 5 MG/M3.
Route Of Entry Inds - Inhalation: NO
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS.
ACUTE- EYES/SKIN/ORAL:NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT
IN VERY SENSITIVE INDIVIDUALS. INHALE:NO SIGNIFICANT ADVERSE HEALTH EFFEC TS
ARE EXPECTED TO OCCUR ON
SHORT TERM EXPOSURE. CHRONIC- MAY CAUSE MILD SKIN
IRRITATION & INFLAMMATION.
Explanation Of Carcinogenicity: NONE
Signs And Symptoms Of Overexposure: IRRITATION, NAUSEA, VOMITING, INFLAMMATION
OF SKIN
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, HOLDI

NG

EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH WITH WATER. CONSULT PHYSICIAN. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS.

=====
Handling and Disposal
=====

Spill Release Procedures: PICK UP SPILL WITH INERT MATERIAL SUCH AS SAND, CLAY, EARTH. SHOVEL INTO CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER WATERWAYS, SEWER

S.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION IS RECOMMENDED.

Handling And Storage Precautions: STORE IN COOL, DRY, VENTILATED PLACE AWAY FROM STRONG OXIDIZERS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. LAUNDRER CLOTHING BEFORE REUSE. AVOID INHALING MISTS. EMPTY CONTAINERS OF THIS PROD

UCT MAY BE HAZARDOUS DUE TO THE RETENTION OF RESIDUE
S. DO NOT TAKE INTERNALLY.

=====
Fire and Explosion Hazard Information
=====

Flash Point Text: >212F,>100C

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures: DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPE

R PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: CONTAINER MAY RUPTURE.

=====
Control Measures
=====

Respiratory Protection: NONE NORMALLY REQUIRED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED ORGANIC VAPO R RES

PIRATOR.

Ventilation: GENERAL ROOM VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves: NITRILES RECOMMENDED

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

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. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

Supplemental Safety and Health: FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE

PNI A, SAME NSN.

=====
Physical/Chemical Properties
=====

HCC: V6

NRC/State LIC No: NOT RELEVANT

B.P. Text: >392F,>200C

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: <0.01 @68F

Vapor Density: >1

Spec Gravity: 0.860

Viscosity: UNKNOWN

Solubility in Water: NEGLIGIBLE

Appearance and Odor: YELLOW OILY LIQUID - PETROLEUM ODOR

Percent Volatiles by Volume: NIL

Corrosion Rate:

UNKNOWN

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Condition To Avoid: HEATING ABOVE FLASH POINT

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

=====
Toxicological Information
=

=====
=====
Ecological Information
=====
=====

=====
=====
MSDS Transport Information
=====
=====

=====
=====
Regulatory Information
=====
=====

=====
=====
Other Information
=====
=====

=====
=====
Transportation Information
=====

Responsible Party Cage: 2X769
Trans ID NO: 62369
Product ID: MIL-F-17111 B POWER TRANSMISSION FLUID
MSDS Prepared Date: 07/25/1997
Review Date: 01/15/1998
MFN: 2
Radioactivity: NOT RELEVANT
Net Unit Weight: 35.9 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 1
Type Of Container: CAN

=====
=====
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

=====
Detail IATA Information
=====

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
HAZCOM Label
=====

Product ID: MIL-F-17111 B POWER TRANSMISSION FLUID

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: 01/15/1998

Status Code: C

MFG Label NO: UNKNOWN

Label Date: 01/15/1998

Year Procured: 1998

Origination Code: F

Eye Protection IND: YES

Signal W

ord: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

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

ACUTE- EYES/SKIN/ORAL:NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT
IN VERY SENSITIVE INDIVIDUALS. INHALE:NO SIGNIFICANT ADVERSE HEALTH EFFEC TS
ARE EXPECTED TO OCCUR ON SHORT TERM EXPOSURE. CHRONIC- MAY CAUSE MILD SKIN
IRRITATION & INFLAMMATION. STORE AWAY FROM STRONG OXIDIZERS. PICK UP
SPILL WI

TH INERT MATERIAL. PREVENT RUN-OFF TO ENTER SEWERS. 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:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.

=====
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense.

The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of

America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.