View NSN Online: https://aerobasegroup.com/nsn/9150-01-131-3325

LUBRICATING SPECIALTIES CO -- MIL-H-46170B AM 3 TYPE 1 HF-38

==========

MSDS Safety Information

==========

FSC: 9150
NIIN: 01-131-3325
MSDS Date: 04/07/2000
MSDS Num: CKWBL
Product ID: MIL-H-46170B AM 3 TYPE 1 HF-38
MFN: 01
Responsible Party
Cage: 8G974
Name: LUBRICATING SPECIALTIES CO
Address: 8015 PARAMOUNT BLVD
City: PIC
O RIVERA CA 90660
Info Phone Number: 562-776-4033
Emergency Phone Number: 800-424-9300
Resp. Party Other MSDS No.: 19012

==========

Item Description Information

==========

Item Manager: S9G
Item Name: HYDRAULIC FLUID,FIRE RESISTANT
Specification Number: MIL-H-46170B
Type/Grade/Class: TYPE II
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 0
Type of Container: CAN

==========

==========

Ingredients

==========

Cas: 68037-01-4
Name: 1-DECENE, HOMOPOLYMER, HYDROGENATED
< Wt: 80.

Cas: 33703-08-1
Name: HEXANEDIOIC ACID, DI ISO NONYL ESTER
< Wt: 20.

Cas: 68515-48-0
Name: 1,2-BENZENEDICARBOXYLIC ACID, DI-C8-10-BRANCHED ALKYL ESTERS
< Wt: 20.

Name: T-BUTYLPHENYL DIPHENYL PHOSPHATE (CAS# = MIXTURE)
&lt

; Wt: 5.

Cas: 41484-35-9
RTECS #: DA8342500
Name: THIODIETHYLENE BIS (3,5) DI-TER-BUTYL-4-HYDROXYHYDROCINNAMATE
< Wt: 1.

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

Cas: 25619-56-1
Name: BARIUM DINONYLNAPHTHALENE SULFONATE
< Wt: 5.

Name: CONTAINS NO OTHER INGREDIENTS NOW KNOWN TO BE HAZARDOUS AS DEFINED BY OSHA 29 CFR 1910.1000(Z).
==========
==========
Health Hazards Data
==========
LD50 LC50 Mixture: NO DATA PROVIDED BY MANUFACTURER
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: COMBUSTIBLE LIQUID. BREATHING OF MISTS OR VAPORS SHOULD BE AVOIDED. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMITITIS. EYE: MAY CAUSE EYE IRRITATION IF SPLASHED INTO EYES. SKIN: REPEAT
ED OR PROL ONGED
CONTACT WITH SKIN MAY CAUSE IRRITATION WHICH MAY LEAD TO VARIOUS SKIN DISORDERS. AVOID PROLONGED SKIN CONTACT. INHALTION: INHALATION OF VAPOR OR OIL MIST FROM THIS PRODUCT MAY CAUSE MILK IRRITAT ION 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 Symptions Of Overexposure: IN

GESTION: IRRITATION OF GASTROINTESTINAL LINING, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAIN. SKIN: IRRITATION. EYES: IRRITATION. INHALATION: IRRITATION OF RESPIRATORY TRACT.

Medical Cond Aggravated By Exposure: NO DATA PROVIDED BY MANUFACTURER.

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 W

ITH SOAP AND WATER. REMOVE SOILED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. LAUNDER CONTAMINATED CLOTHING. INHALATION: REMOVE EXPOSED PERSON TO FRESH A IR. IF BREATHING IS LABORED, ADMINISTER OXYGEN AND OBTAIN IMMEDIATE MEDICAL ATTENTION. IF IRRITATION PERSISTS OR IF TOXIC SYMPTOMS ARE OBSERVED, GET MEDICAL ATTENTION.

==========

Handling and Disposal

==========

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 RECYCLIN G 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 SEWERS.

Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER

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 CO NTAINERS RETAIN MATERIAL RESIDUE.

Other Precautions: DO NOT CUT, WELD, BRAZE, SOLDER OR EXPOSE CONTAINERS TO OTHER IGNITION SO

URCES. STORAGE: STORE IN CLOSED CONTAINERS OF PROPER CONSTRUCTION. STORE AWAY FROM IGNITION SOURCES AND IN AREAS OF GOOD VENTIL ATION.

==========

Fire and Explosion Hazard Information

==========

Flash Point Method: COC

Flash Point: >200.C, 392.F

Extinguishing Media: CARBONDIOXIDE, 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: CARBON MONOXIDE AND ASPHYXIANTS.
==========
Control Measures
==========
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: U
SE 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 FACE SHIELD
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: PRACTICE GOOD PERSONAL HYGIENE AFTER HANDLING.
Supplemental Safety and Health: NO DATA PROVIDED BY MANU
FACTURER
==========
Physical/Chemical Properties
==========
HCC: V5
Boiling Point: >300.C, 572.F
Vapor Pres: <0.01MMHG @20C
Vapor Density: >AIR
Spec Gravity: 0.872
Evaporation Rate & Reference: LESS THAN ETHER
Solubility in Water: NEGLIGIBLE
Appearance and Odor: ED, OILY LIQUID; PETROLEUM ODOR
==========
Reactivity Data
==========
==========
Stability Indicator: YES
Stability Condition To Avoid: DO NOT HEAT ABOVE FLASH POINT.
Materials To Avoid: OXIDIZING AGENTS
Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR.
==========
Toxicological Information
==========
Toxicological Information: TLV=5 MG/M3 (OIL MIST). OR

AL TOXICITY: SWALLOWING
MATERIAL MAY CAUSE IRRITATION OF THE GASTROINTESTINAL LINING, NAUSEA, VOMITING, DIARRHEA AND ABDOMINAL PAIN. EYE IRRITATION: NOT EXPECTED TO BE A PRI MARY SKIN IRRITANT. PROLONGED OR REPETITIVE CONTACT MAY CAUSE IRRITATION. SKIN IRRITATION: NOT EXPECTED TO BE A PRIMARY SKIN IRRITANT. PROLONGED OR REPETITIVE CONTACT MAY CAUSE IRRITATION. CARCINOGEN : THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN BY NTP, IARC OR OSHA.
==========
==========
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 171.8 THROUGH 178.510. DOT SHIPPING NAME: OIL, N.O.S. DOT HAZARD CLASS: COMBUSTIBLE LIQUID. UN
/NA NUMBER: N/A. GUIDE
NUMBER: 27. IMDG CODE: (NONE GIVEN). MATERIALS CLASSIFIED AS DO COMBUTIB LE LIQUIDS (FLASH POINT >1412F AND <200F) ARE NOT REGULATED BY DOT IN CONTAINERS OF 110 (CURRENTLY 119, DLA-) GALLONS, OR LESS FOR DOMESTIC (OVERLAND, DLA-) SHIPMENTS
==========
Regulatory Information
==========
Sara Title III Information: SARA 311/312: NOT LISTED.
SARA 313: CONTAINS <2% BARIUM
COMPOUNDS.
Federal Regulatory Information: RCRA: NOT LISTED.
CERCLA: LISTED. TSCA: ALL COMPONENTS OD THIS MATERIAL ARE ON THE TSCA INVENTORY.
State Regulatory Information: CAL PROP 65: NOT LISTED.
==========
Other Information
==========
Other Information: NPCA- CODE: HEALTH-1, FIRE-1, REACTIVITY-0, PPE-C. NFPA CODE: HEALTH-1, FIRE-1, REACTIVITY-0. PRECAUTIONARY LABELS: N/A.
==========
==========
Transportation Information
==========
Responsible Party Cage: 8G974
Trans ID NO: 155368
Product ID: MIL-H-46170B AM 3 TYPE 1 HF-38
MSDS Prepared Date: 04/07/2000
Review Date: 11/16/2000
MFN: 1
Net Unit Weight: 36 LBS
Multiple KIT Number: 0
Unit Of Issue: CN
Container QTY: 0
Type Of Container: CAN
Additional Data: NOT REGULATED PER MSDS.
==========
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-H-46170B AM 3 TYPE 1 HF-38
Cage: 8G974
Company Name: LUBRICATING SPECIALTIES CO
Street: 8015 PARAMOUNT BLVD
City: PICO RIVERA CA
Zipcode: 90660
Health Emergency Phone: 800-424-9300
Label Required IND: Y
Date Of Label Review: 11/16/2000
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 Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None
Hazard And Precautions: COMBUSTIBLE LIQUID. BREATHING OF M

ISTS OR VAPORS SHOULD
BE AVOIDED. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMITITIS. EYE: MAY CAUSE EYE IRRITATION IF SPLASHED INTO EYES. SKIN: REPEATED OR PROL ONGED CONTACT WITH SKIN MAY CAUSE IRRITATION WHICH MAY LEAD TO VARIOUS SKIN DISORDERS. AVOID PROLONGED SKIN CONTACT. INHALTION: INHALATION OF VAPOR OR OIL MIST FROM THIS PRODUCT MAY CAUSE MILK IRRITAT ION OF THE RESPIRATORY SYSTEM. USE IN WELL VENTILATED AREAS. ORAL: INGESTION MAYCAUSE NAUSEA, DIARRHEA, AND STOMACH DI
SCOMFORT. TARGET ORGANS: N/P.
==========
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.