

LUBRICATING SPECIALITIES CO, T -- MIL-L-46167B GOLD MEDAL ARCTIC ENGINE OIL

MSDS Safety Information

FSC: 9150

NIIN: 00-491-7197

MSDS Date: 01/01/1994

MSDS Num: CJDVZ

Product ID: MIL-L-46167B GOLD MEDAL ARCTIC ENGINE OIL

MFN: 02

Responsible Party

Cage: 2X769

Name: LUBRICATING SPECIALITIES CO, TECHNOLUBE PROD DIV

Address

s: 8015 PARAMOUNT BLVD

City: PICO RIVERA CA 90660-4811

Emergency Phone Number: 213-928-3311

Item Description Information

Item Manager: S9G

Item Name: LUBRICATING OIL,ENGINE

Specification Number: MIL-L-46167

Type/Grade/Class: NONE

Unit of Issue: DR

Quantitative Expression: 00000000055GL

UI Container Qty: 0

Type of Container: 1A1 18/18GAGE

Ingredients

Cas: 68649-12-7

Name: POLYALPHAOLEFIN BASE STOCK

< Wt: 60.

Other REC Limits: NONE SPECIFIED

OSHA PEL: 5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

Cas: 28472-97-1

Name: LUBRICANT ESTER

< Wt: 30.

Other REC Limits: NONE SPECIFIED

OSHA PEL: 5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

Cas: 68457-79-4

Name: ZINC DIALKYL DITHIOPHOSPHATE (THIS INGRED

IENT DOES NOT AFFECT POTENTIAL
HEALTH AND ENVIRONMENT IMPACT OF THE PRODUCT).

Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Health Hazards Data

LD50 LC50 Mixture: UNKNOWN
Route Of Entry Inds - Inhalation: NO
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: HEALTH HAZARDS- ACUTE: NO SIGNIFICANT ADVERS
E ILL EFFECTS

EXPECTED. CHRONIC: MILD SKIN IRRITATION AND INFLAMMATION.
Explanation Of Carcinogenicity: NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated By Exposure: PERSONNEL WITH PRE-EXISTING SKIN DISORDERS
SHOULD AVOID CONTACT.
First Aid: EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.SEE DOCTOR.
SKIN:WASH WITH SOAP AND PLENTY OF WATER WHILE REMOVING CONTAMINATED CLOTHING
AND SHOES.SEE DOCTOR. INHALATION:REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE
ARTIFICIAL RESPIRAT
ION.IF BREATHING IS DIFFICULT,GIVE OXYGEN.SEE DOCTOR.
INGESTION:DO NOT INDUCE VOMIT. CONSULT PHYSICIAN.

Handling and Disposal

Spill Release Procedures: STOP FLOW. WIPE OR ABSORB IN INERT MATERIAL AND PLACE
IN APPROPRIATE DISPOSAL CONTAINER AND COVER.
Waste Disposal Methods: IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL
REGULATIONS.
Handling And Storage Precautions: AVOID STORAGE N
EAR OPEN FLAME OR OTHER
SOURCES OF IGNITION. EXCESSIVE MISTING MAY CAUSE SLIPPERY FLOORS. PROPER
FOOTWEAR REQUIRED.
Other Precautions: DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

Fire and Explosion Hazard Information

Flash Point Method: COC
Flash Point: >225.C, 437.F
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATERFOG.
Fire Fighting Procedures: DO NOT ENTER AN

Y ENCLOSED OR CONFINED AREA WITHOUT
PROPER PROTECTIVE EQUIPMENT AND SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: SLIGHTLY COMBUSTIBLE, WHEN HEATED ABOVE FLASH
POINT. WILL RELEASE FLAMMABLE VAPORS WHICH CAN BURN IN OPEN OR BE EXPLOSIVE
IN CONFINED SPACES IF EXPOSED TO SOURCE OF IGNITION.

Control Measures

Respiratory Protection: NONE NORMALLY NEEDED.

Ventila

tion: GENERAL (MECHANICAL) VENTILATION.

Protective Gloves: RECOMMENDED.

Eye Protection: SAFETY GLASSES.

Other Protective Equipment: CHEMICALLY RESISTANT BOOTS, OIL RESISTANT APRON.

Work Hygienic Practices: WASH HANDS WITH SOAP AND WATER BEFORE EATING,
DRINKING, OR SMOKING.

Supplemental Safety and Health: NONE

Physical/Chemical Properties

HCC: V6

Boiling Point: >325.C, 617.F

M.P/F

.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 0.01

Vapor Density: >1

Spec Gravity: 0.859

VOC Pounds/Gallon: 7.15

Viscosity: UNKNOWN

Evaporation Rate & Reference: LESS THAN ETHER

Solubility in Water: MODERATE

Appearance and Odor: BROWN, OILY LIQUID, PETROLEUM ODOR.

Percent Volatiles by Volume: NIL

Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES

Stability Con

dition To Avoid: HIGH TEMPERATURES
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: 141242
Product ID: MIL-L-46167B GOLD MEDAL ARCTIC ENGINE OIL
MSDS Prepared Date: 01/01/1994
Review Date: 04/12/1999
MFN: 2
Multiple KIT Number: 0
Unit Of Issue: DR
Container QTY: 0
Type Of Container: 1A1 18/18GAGE

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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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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-L-46167B GOLD MEDAL ARCTIC ENGINE OIL

Cage: 2X769

Company Name: TECHNOLUBE PRODUCT COMPANY

Street: 8015 PARAMOUNT BLVD.

City: PICO RIVERA CA

Zipcode: 90660-4811

Health Emergency Phone: 213-9

28-3311

Label Required IND: Y

Date Of Label Review: 04/12/1999

Status Code: A

Origination Code: F

Eye Protection IND: NO

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: HEALTH HAZARDS- ACUTE: NO SIGNIFICANT ADVERSE ILL
EFFECTS EXPECTED. CHRONIC: MILD SKIN IRRITATION AND INFLAMMATION.

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Disclaimer (pr

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