

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

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MSDS Safety Information
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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

Address: 8015 PARAMOUNT BLVD

City: PICO RIVERA CA 90660-4811

Emergency Phone Number: 213-928-3311
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Item Description Information
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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
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Ingredients
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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 INGRE

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

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data
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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 ADVER
SE 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 RESPIRA

TION.IF BREATHING IS DIFFICULT,GIVE OXYGEN.SEE DOCTOR.

INGESTION:DO NOT INDUCE VOMIT. CONSULT PHYSICIAN.

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Handling and Disposal
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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
NEAR OPEN FLAME OR OTHER

SOURCES OF IGNITION. EXCESSIVE MISTING MAY CAUSE SLIPPERY FLOORS. PROPER
FOOTWEAR REQUIRED.

Other Precautions: DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

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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, FOAM, WATERFOG.

Fire Fighting Procedures: DO NOT ENTER A

NY 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.

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Control Measures
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Respiratory Protection: NONE NORMALLY NEEDED.

Ventil

ation: 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

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Physical/Chemical Properties
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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

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Reactivity Data
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Stability Indicator: YES

Stability Co

Condition 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 Code: 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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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-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-
928-3311

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 (p)

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