

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 9150
NIIN: 011303688
Manufacturer's CAGE: 99147
Part No. Indicator: B
Part Number/Trade Name: B/1 OIL SUPPLEMENT, BART 002

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General Information

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Item Name: LUBRICATING OIL
Company's Name: BARDAHL MFG CO
Company's Street: 1400 NW 52ND ST
Company's P. O. Box:
Company's City: SEATTLE
Company's State: WA
Company's Country: US
Company's Zip Code: 98107
Company's Emerg Ph #: 206-526-2121
Company's Info Ph #: 206-783-4851
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: N
Record No. For Safety Entry: 002
Tot Safety Entries This Stk#: 002
Status: SMJ
Date MSDS Prepared: 15AUG90
Safety Data Review Date: 20MAR95
Supply Item Manager:
MSDS Preparer's Name: JOHN R WILSON
Preparer's Company: SAME
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BXFSL
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code: W1
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

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Ingredients/Identity Information

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Proprietary: NO
 Ingredient: SEVERELY HYDROTREATED PETROLEUM HYDROCARBON BASE STOCK
 Ingredient Sequence Number: 01
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 1005443SH
 CAS Number: 64742-58-1
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)
 Other Recommended Limit: 5 MG/M3 (MFR)

Proprietary: NO
 Ingredient: NAPHTHENIC ACID, LEAD SALT; (LEAD NAPHTHENATE)
 Ingredient Sequence Number: 02
 Percent: 4
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: QK9150000
 CAS Number: 61790-14-5
 OSHA PEL: N/K (FP N)
 ACGIH TLV: 0.05 MG/M3 (MFR)
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE; (SOLVENT REFINED
 HYDROTREATED MIDDLE DISTILLATE)
 Ingredient Sequence Number: 03
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: JN9379645
 CAS Number: 64742-46-7
 OSHA PEL: N/K (FP N)
 ACGIH TLV: 5 MG/M3 (MFR)
 Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: LIQUID, AMBER COLOR, MINERAL OIL ODOR
 Boiling Point: >500F, >260C
 Melting Point: N/K
 Vapor Pressure (MM Hg/70 F): N/A
 Vapor Density (Air=1): HVR/AIR
 Specific Gravity: 0.9 (H*20=1)
 Decomposition Temperature: N/K

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Evaporation Rate And Ref: SLOWER THAN ETHER
 Solubility In Water: NEGLIGIBLE
 Percent Volatiles By Volume: N/K
 Viscosity:
 pH: N/K
 Radioactivity:
 Form (Radioactive Matl):
 Magnetism (Milligauss):
 Corrosion Rate (IPY): N/K
 Autoignition Temperature:

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Fire and Explosion Hazard Data

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Flash Point: 360F,182C
Flash Point Method: COC
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: FOAM, ALCOHOL FOAM, CO*2, DRY CHEMICAL, WATER FOG.
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT (FP N). COOL FIRE EXPOSED CONTAINERS WITH WATER.
Unusual Fire And Expl Hazrds: TREAT AS PETROLEUM OIL TYPE PRODUCT.
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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): STRONG OXIDIZING CONDITIONS.
Materials To Avoid: STRONG OXIDIZING AGENTS SUCH AS:HYDROGEN PEROXIDE,
CHROMIC ACID, BROMINE, ETC.
Hazardous Decomp Products: INCOMPLETE COMBUSTION CAN PRODUCE CARBON
MONOXIDE, UNIDENTIFIED HYDROCARBONS AND OTHER HARMFUL PRODUCTS.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.
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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: LEAD APPEARS ON NAVY LISTING OF OCCUPATIONAL
CHEMICAL REPRODUCTIVE HAZARDS. SEEK CONSULTATION FROM APPROPRIATE HEALTH
PROFESSIONALS CONCERNING LATEST HAZARD LIST INFORMATION AND SAFE HANDLING
AND EXPOSURE INFORMATION (FP N). ACUTE:INHILATION:PULMONARY IRRITATION,
DIZZINESS, AND NAUSEA, OR IN SEVERE (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: HLTH HAZ:CASES VICTIM MAY BE OVERCOME BY MIST
OR VAPOR. SKIN:DEFATTING AND IRRITATION. EYE:IRRITATION. INGESTION:
GASTROINTESTINAL IRRITATION, NAUSEA, AND VOMITING. CHRONIC:INGEST-LEAD
POISONING WITH LOSS OF APPETITE, WEIGHT LOSS, FATIGUE, HEADACHE AND
DIARRHEA.

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Med Cond Aggravated By Exp: SENSITIVITY OF SKIN TO OILS AND PETROLEUM
PRODUCTS.
Emergency/First Aid Proc: INHAL:MOVE VICTIM TO FRESH AIR, ADMIN ARTF RESP
IF NECESSARY & SEEK MED AID. SKIN:WASH WITH SOAP & WATER. EYE:FLUSH WITH
WATER FOR AT LEAST 15 MINUTES, IF IRRIT PERSISTS, CONT PHYS. INGEST:DO NOT
INDUCE VOMIT, CAN CAUSE CHEM PNUEMONITIS. CONSULT PHYS IMMED.
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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: TRANSFER BULK MATL INTO ANOTHER CNTNR.
CONTAIN SPILLED MATL WITH DIKE OR BROOM. ABSORB MATL-WITH SUITABLE
ABSORBENT. PICK-UP ABSORBED MATL IN ACCORDANCE WITH LOCAL, STATE, AND
FEDERAL REGS.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: NORMAL PROCEDURES FOR PETROLEUM PRODUCTS WITH
CONSIDERATION FOR CHEM CONTENTS OF THE PRODUCT. DISPOSE IN ACCORD WITH

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LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: PETROLEUM PRODUCT. KEEP CLEAN & DRY. DO NOT STORE NEAR SOURCES OF IGNIT. DO NOT LEAVE PARTIAL DRUMS/CNTNRS OPEN. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: EMPTY DRUMS RETAIN HAZ PROD RESIDUE. ALL PRECAUT MUST BE FOLLOWED WHEN EMPTY. DO NOT USE/STORE EMPTY DRUMS NEAR HEAT, OPEN FLAME OR WELDING TORCHES. LEAD IS A POTENT SYSTEMIC POISON THAT SERVES NO KNOWN FUNCTION ONCE ABSORB INTO (SUPDAT)

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Control Measures

Respiratory Protection: NOT NORMALLY REQD. IN ENCLOSED AREAS NIOSH/MSHA APPROVED CHEMICAL RESPIRATORS AND/OR NIOSH/MSHA APPRVD SCBA MAY BE NECESSARY.

Ventilation: MECHANICAL VENTILATION IS NOT NORMALLY REQUIRED.

Protective Gloves: CHEMICAL RESISTANT GLOVES.

Eye Protection: ANSI APPRVD CHEM WORK GOGG & FSHLD(FP N)

Other Protective Equipment: PROTECTIVE APRONS MAY BE DESIRABLE. ANSI APPRVD EMERGENCY EYE WASH & DELUGE SHOWER (FP N).

Work Hygienic Practices: BASIC PERSONAL HYGIENIC PRACTICES SUCH AS WASHING BEFORE EATING IS REQUIRED.

Suppl. Safety & Health Data: OTHER PRECAUT:YOUR BODY. CHRONIC OVEREXP TO LEAD MAY RSLT IN SEV DMG TO YOUR BLOOD FORMING, URINARY, CNS, & REPRO SYS. FULL INFO ON HLTH EFTS OF LEAD CAN BE FOUND IN APPENDIX TO OSHA LEAD STD, 29 CFR 1910.1025.

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Transportation Data

Transportation Action Code:

Transportation Focal Point:

Trans Data Review Date:

DOT PSN Code:

DOT Symbol:

DOT Proper Shipping Name:

DOT Class:

DOT ID Number:

DOT Pack Group:

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DOT Label:

DOT/DoD Exemption Number:

IMO PSN Code:

IMO Proper Shipping Name:

IMO Regulations Page Number:

IMO UN Number:

IMO UN Class:

IMO Subsidiary Risk Label:

IATA PSN Code:

IATA UN ID Number:

IATA Proper Shipping Name:

IATA UN Class:

IATA Subsidiary Risk Class:

IATA Label:

AFI PSN Code:

AFI Symbols:

AFI Prop. Shipping Name:

AFI Class:

AFI ID Number:

AFI Pack Group:

AFI Label:

AFI Special Prov:
 AFI Basic Pac Ref:
 MMAC Code:
 N.O.S. Shipping Name:
 Additional Trans Data:

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 Disposal Data
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Disposal Data Action Code:
 Disposal Data Focal Point:
 Disposal Data Review Date:
 Rec # For This Disp Entry:
 Tot Disp Entries Per NSN:
 Landfill Ban Item:
 Disposal Supplemental Data:
 1st EPA Haz Wst Code New:
 1st EPA Haz Wst Name New:
 1st EPA Haz Wst Char New:
 1st EPA Acute Hazard New:
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

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 Label Data
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Label Required: YES
 Technical Review Date: 20MAR95

Report for NIIN: 011303688

Label Date: 23MAR95
 MFR Label Number:
 Label Status: G
 Common Name: B/1 OIL SUPPLEMENT, BART 002
 Chronic Hazard: YES
 Signal Word: WARNING!
 Acute Health Hazard-None:
 Acute Health Hazard-Slight:
 Acute Health Hazard-Moderate: X
 Acute Health Hazard-Severe:
 Contact Hazard-None:
 Contact Hazard-Slight: X
 Contact Hazard-Moderate:
 Contact Hazard-Severe:
 Fire Hazard-None:
 Fire Hazard-Slight: X
 Fire Hazard-Moderate:
 Fire Hazard-Severe:
 Reactivity Hazard-None: X
 Reactivity Hazard-Slight:
 Reactivity Hazard-Moderate:
 Reactivity Hazard-Severe:
 Special Hazard Precautions: ACUTE:INHALATION:PULMONARY IRRITATION,
 DIZZINESS, AND NAUSEA, OR IN SEVERE CASES VICTIM MAY BE OVERCOME BY THE
 MIST OR VAPOR. SKIN:REPEATED CONTACT MAY CAUSE DEFATTING AND IRRITATION.
 EYE:MAY CAUSE IRRITATION. INGESTION:MAY CAUSE GASTROINTESTINAL IRRITATION,

NAUSEA, AND VOMITING. LARGE QUANTITIES MAY RESULT IN LEAD POISONING WITH LOSS OF APPETITE, WEIGHT LOSS, FATIGUE, HEADACHE AND DIARRHEA. CHRONIC:LEAD APPEARS ON NAVY LISTING OF OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS (FP N).

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: BARDAHL MFG CO

Label Street: 1400 NW 52ND ST

Label P.O. Box:

Label City: SEATTLE

Label State: WA

Label Zip Code: 98107

Label Country: US

Label Emergency Number: 206-526-2121

Year Procured: