

130318
DOD Hazardous Materials Information System

DoD 6050.5-L

AS OF July 1998

FSC: 6640
NIIN: 002999807
Manufacturer's CAGE: 10684
Part No. Indicator: A
Part Number/Trade Name: 16482 & 16484 IMMERSION OIL TYPES A & B, CODE 1
248

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General Information

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Item Name: IMMERSION OIL, MICROSCOY
Company's Name: R.P.CARGILLE LABORATORIES, INC
Company's Street: 55 COMMERCE RD
Company's P. O. Box:
Company's City: CEDAR GROVE
Company's State: NJ
Company's Country: US
Company's Zip Code: 07009-1289
Company's Emerg Ph #: 201-239-6633
Company's Info Ph #: 201-239-6633
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: D
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 05OCT90
Safety Data Review Date: 29JUN94
Supply Item Manager: KX
MSDS Preparer's Name: NONE
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:

130318

Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BTQYQ
Specification Number: MIL-I-36698
Spec Type, Grade, Class: TYPES A & B
Hazard Characteristic Code: N1
Unit Of Issue: BT
Unit Of Issue Container Qty: 0.20 LBS/BT
Type Of Container: 144 BT/CO
Net Unit Weight: 0.20 LBS/BT

Report for NIIN: 002999807

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

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Ingredients/Identity Information

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Proprietary: YES
Ingredient: PROPRIETARY
Ingredient Sequence Number: 01
Percent:
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number:
CAS Number:
OSHA PEL:
ACGIH TLV:
Other Recommended Limit:

Proprietary: YES
Ingredient: PROPRIETARY
Ingredient Sequence Number: 02
Percent:
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number:
CAS Number:
OSHA PEL:
ACGIH TLV:
Other Recommended Limit:

Proprietary: YES
Ingredient: PROPRIETARY

130318

Ingredient Sequence Number: 03

Percent:

Ingredient Action Code:

Ingredient Focal Point: D

NIOSH (RTECS) Number:

CAS Number:

OSHA PEL:

ACGIH TLV:

Other Recommended Limit:

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Physical/Chemical Characteristics

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Appearance And Odor: LIGHT YELLOW LIQUID. SLIGHT CHARACTERISTIC ODOR.

Boiling Point: 644F,340C

Melting Point: <32F,<0C

Vapor Pressure (MM Hg/70 F): <0.1 @ 73F

Vapor Density (Air=1): 1

Specific Gravity: 0.9

Decomposition Temperature: UNKNOWN

Evaporation Rate And Ref: 1 (MINERAL OIL=1)

Report for NIIN: 002999807

Solubility In Water: NIL

Percent Volatiles By Volume: N/K

Viscosity:

pH: N/K

Radioactivity:

Form (Radioactive Matl):

Magnetism (Milligauss): N/P

Corrosion Rate (IPY): UNKNOWN

Autoignition Temperature: N/K

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Fire and Explosion Hazard Data

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Flash Point: >325F,>163C

Flash Point Method: COC

Lower Explosive Limit: UNKNOWN

Upper Explosive Limit: UNKNOWN

Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR ANY CLASS B

AGENT.

Special Fire Fighting Proc: NONE

Unusual Fire And Expl Hazrds: NONE

130318

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): AVOID HEAT ABOVE 150F.
Materials To Avoid: STRONG OXIDIZERS.
Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): WILL NOT OCCUR.

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Health Hazard Data

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LD50-LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE: EYES: SLIGHT TEMPORARY IRRITATION
POSSIBLE. SKIN: NONE KNOWN AT CONDITIONS OF INTENDED USE. INHALATION:
IF
LIQUID IS MISTED OR ABOVE 150F (NOT A CONDITION OF INTENDED USE) IT MA
Y
CAUSE HEADACHES AND NAUSEA. INGESTION: LOW ORDER OF TOXICITY. CHRONIC:
NONE
KNOWN AT CONDITION OF INTENDED USE.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: EYES: IRRITATION. SKIN: NONE KNOWN AT
CONDITIONS OF INTENDED USE. INHALATION: PRODUCT MISTING OR ABOVE 150F
MAY
CAUSE HEADACHES AND/OR NAUSEA. INGESTION: NONE KNOWN AT CONDITIONS OF
INTENDED USE.
Med Cond Aggravated By Exp: NO DATA FOUND.
Emergency/First Aid Proc: EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF
IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP
AND
WATER. INHALATION: IF CONCERN ARISES MOVE TO FRESH AIR. INGESTION: LOW

Report for NIIN: 002999807

ORDER OF TOXICITY, FIRST AID NORMALLY NOT NEEDED. GET MEDICAL ATTENTIO
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130318

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: ABSORB, PLACE IN PLASTIC CONTAINER, CAP OR TWIST TIE CLOSURE.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. TREAT AS USED INSTRUMENT LUBRICATION OIL.
Precautions-Handling/Storing: STORE BETWEEN 65F AND 90F.
Other Precautions: AVOID CONTINUAL DIRECT SUNLIGHT, VAPORIZING, OR ATOMIZING.

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Control Measures

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Respiratory Protection: NONE NEEDED WHEN USED AT CONDITIONS OF INTENDED USE WITH ADEQUATE VENTILATION. IF EXPOSURE EXCEEDS PEL/TLV USE APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation: PROVIDE ADEQUATE MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN PEL/TLV.(NORMAL ROOM AIR CHANGE 2/HR)
Protective Gloves: NOT MANDATORY.
Eye Protection: NOT MANDATORY.
Other Protective Equipment: NONE NORMALLY REQUIRED.
Work Hygienic Practices: WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING.
Suppl. Safety & Health Data: ALWAYS USE GOOD HYGIENIC WORK/PRACTICES AS TO HOUSEKEEPING, PERSONAL HYGIENE, USE OF CHEMICAL LAB APRON, AND SPLASH GOGGLES, AVOIDANCE OF VAPORS, PROLONGED AND REPEATED SKIN CONTACT.

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Transportation Data

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Transportation Action Code:
Transportation Focal Point: D
Trans Data Review Date: 94180
DOT PSN Code: ZZZ
DOT Symbol: N/R
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

130318

DOT Class: N/R
 DOT ID Number: N/R
 DOT Pack Group: N/R
 DOT Label: N/R
 DOT/DoD Exemption Number:
 IMO PSN Code: ZZZ
 IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATIO
 N
 IMO Regulations Page Number: N/R
 IMO UN Number: N/R
 IMO UN Class: N/R
 IMO Subsidiary Risk Label: N/R
 IATA PSN Code: ZZZ
 IATA UN ID Number: N/R
 IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATIO
 N
 IATA UN Class: N/R
 IATA Subsidiary Risk Class: N/R

Report for NIIN: 002999807

IATA Label: N/R
 AFI PSN Code: ZZZ
 AFI Symbols:
 AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
 AFI Class: N/R
 AFI ID Number: N/R
 AFI Pack Group: N/R
 AFI Label: N/R
 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:

130318

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: 29JUN94
Label Date:
MFR Label Number: N/R
Label Status: F
Common Name: 16482,16484 IMMERSION OIL TYPES A & B, CODE 1248
Chronic Hazard: NO
Signal Word: CAUTION!
Acute Health Hazard-None:
Acute Health Hazard-Slight: X
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight: X
Contact Hazard-Moderate:

Report for NIIN: 002999807

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: EYES: SLIGHT TEMPORARY IRRITATION
POSSIBLE. SKIN: NONE KNOWN AT CONDITIONS OF INTENDED USE. INHALATION:
IF
LIQUID IS MISTED OR ABOVE 150F (NOT A CONDITION OF INTENDED USE) IT MA
Y
CAUSE HEADACHES AND NAUSEA. INGESTION: LOW ORDER OF TOXICITY. CHRONIC:

130318

NONE

KNOWN AT CONDITION OF INTENDED USE. STORE BETWEEN 65F AND 90F. FIRST AID:

EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND WATER. INHALATION: IF CONCERN ARISES MOVE TO FRESH AIR. INGESTION: LOW ORDER OF TOXICITY, FIRST

AID NORMALLY NOT NEEDED. GET MEDICAL ATTENTION. TARGET ORGANS: UNKNOWN

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: R.P.CARGILLE LABORATORIES INC

Label Street: 55 COMMERCE RD

Label P.O. Box:

Label City: CEDAR GROVE

Label State: NJ

Label Zip Code: 07009

Label Country: US

Label Emergency Number: 201-239-6633

Year Procured: