

Paint Rm. 024531

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

FSC: 6850
NIIN: 00F030897
Manufacturer's CAGE: 30313
Part No. Indicator: A
Part Number/Trade Name: SCOTCHMAN SAWING COOLANT

=====

General Information

=====

Item Name:
Company's Name: SCOTCHMAN
Company's Street: 180 EAST HIGHWAY 14
Company's P. O. Box: N/K
Company's City: PHILIP
Company's State: SD
Company's Country: US
Company's Zip Code: 57567
Company's Emerg Ph #: 605-859-2542
Company's Info Ph #: 605-859-2542
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: F
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 01APR92
Safety Data Review Date: 01NOV93
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company: SCOTCHMAN
Preparer's St Or P. O. Box: 180 EAST HIGHWAY 14
Preparer's City: PHILIP
Preparer's State: SD
Preparer's Zip Code: 57567
Other MSDS Number:
MSDS Serial Number: BSMCX
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

Report for NIIN: 00F030897

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

=====

Ingredients/Identity Information

=====

Proprietary: NO
Ingredient: ALKANOLAMINE PHOSPHATE
Ingredient Sequence Number: 01
Percent: >1
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: 1004940AP
CAS Number:
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: BORON OXIDE, TRIOXIDE
Ingredient Sequence Number: 02
Percent: >1
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: ED7900000
CAS Number: 1303-86-2
OSHA PEL: 15 MG/CUM
ACGIH TLV: 10 MG/CUM
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: FATTY ACID
Ingredient Sequence Number: 03
Percent: >1
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: 1000517FA
CAS Number:
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: ALKOXYLATED FATTY ALCOHOL *92-2*
Ingredient Sequence Number: 04
Percent: >1
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: 1004311AF
CAS Number: 69227-21-0
OSHA PEL: N/K
ACGIH TLV: N/K

Report for NIIN: 00F030897

Other Recommended Limit: N/K

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 05
Percent: BALANCE
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: N/K

ACGIH TLV: N/K
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: 4-(2-NITROBUTYL)-MORPHOLINE
Ingredient Sequence Number: 06
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: QE7397000
CAS Number: 2224-44-4
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: 4,4-(2-ETHYL-2-NITROMETHYLENE) DIMORPHOLINE
Ingredient Sequence Number: 07
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: 1004004EN
CAS Number:
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K
=====

Physical/Chemical Characteristics

=====

Appearance And Odor: CLEAR LIQUID W/SLIGHT ODOR
Boiling Point: 208F
Melting Point: 30F
Vapor Pressure (MM Hg/70 F): AS WATER
Vapor Density (Air=1): N/K
Specific Gravity: 0.99
Decomposition Temperature: N/K
Evaporation Rate And Ref: N/K
Solubility In Water: COMPLETE
Percent Volatiles By Volume: 6.5
Viscosity:
pH: N/K
Radioactivity:

Report for NIIN: 00F030897

Form (Radioactive Matl):
Magnetism (Milligauss):
Corrosion Rate (IPY): N/K
Autoignition Temperature:

Fire and Explosion Hazard Data

=====

Flash Point: NONE
Flash Point Method: PMCC
Lower Explosive Limit: N/K
Upper Explosive Limit: N/K
Extinguishing Media: WATER, DRY CHEMICAL, CO2, FOAM
Special Fire Fighting Proc: WEAR POSITIVE PRESSURE, SELF-CONTAINED
BREATHING APPARATUS FOR ANY CHEMICAL FIRE.
Unusual Fire And Expl Hazrds: THESE PRODUCTS WILL NOT SUPPORT COMBUSTION
EVEN WHEN FLAMED AT THEIR BOILING POINT.

=====

Reactivity Data

=====

Stability: YES
 Cond To Avoid (Stability): N/K
 Materials To Avoid: STRONG ACIDS
 Hazardous Decomp Products: N/K
 Hazardous Poly Occur: NO
 Conditions To Avoid (Poly): N/K

=====

Health Hazard Data

=====

LD50-LC50 Mixture: N/K
 Route Of Entry - Inhalation: YES
 Route Of Entry - Skin: NO
 Route Of Entry - Ingestion: YES
 Health Haz Acute And Chronic: EYES: MODERATE IRRITATION. SKIN: IRRITATION
 & SENSITIZATION. INGESTION: HARMFUL. THE ANTIMICROBIAL AGENT IS POISONOUS &
 SHOULD BE CONSIDERED TOXIC. INHALATION: RESPIRATORY TRACT IRRITATION.
 CHRONIC: KIDNEY & LIVER EFFECTS. ALLERGIES MAY RESULT FROM PROTRACTED
 CONTACT.
 Carcinogenicity - NTP: NO
 Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO
 Explanation Carcinogenicity: NONE
 Signs/Symptoms Of Overexp: N/K
 Med Cond Aggravated By Exp: N/K
 Emergency/First Aid Proc: EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN:
 WASH OFF RESIDUES OR SHOWER. REMOVE CONTAMINATED CLOTHING. INGESTION: DON'T
 INDUCE VOMITING ESPECIALLY IF LARGE AMOUNTS ARE INVOLVED. INHALATION: REMOVE
 TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: SOAK UP W/ABSORBENT MATERIALS SUCH AS SAND &
 PLACE IN WASTE CONTAINERS.
 Neutralizing Agent: N/K

Report for NIIN: 00F030897

Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL
 REGULATIONS. PRODUCT NON-HAZARDOUS/BIODEGRADABLE. SEWER DISCHARGE MAY BE AN
 AVAILABLE OPTION IF APPROVED. ALTERNATIVES: CHEMICAL FIXATION, LANDFILL FOR
 SOLIDS OR INCINERATION AT APPROVED FACILITIES.
 Precautions-Handling/Storing: DON'T CONTAMINATE FOOD OR DRINK.
 Other Precautions: AVOID UNNECESSARY SKIN & EYE CONTACT. AVOID BREATHING
 ANY VAPORS EVOLVED.

=====

Control Measures

=====

Respiratory Protection: N/K
 Ventilation: GOOD GENERAL SHOULD BE ACCEPTABLE FOR MOST SITUATIONS; LOCAL
 EXHAUST SHOULD BE CONSIDERED IF VAPORS EXCEED TLV'S.
 Protective Gloves: IMPERVIOUS AL
 Eye Protection: CHEMICAL GOGGLES
 Other Protective Equipment: IMPERVIOUS BOOTS, APRONS, SUITS, SHOWER/EYE
 WASH STATIONS
 Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING/SHOES BEFORE
 REUSE. DON'T USE CONTAMINATED LEATHER ARTICLES.
 Suppl. Safety & Health Data: N/K

=====

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:
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:

```

Report for NIIN: 00F030897

```

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

```

Disposal Data

```

=====
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:

=====

Label Data

=====

Label Required: YES
Technical Review Date: 01NOV93
Label Date: 29OCT93
MFR Label Number: N/R
Label Status: F
Common Name: SCOTCHMAN SAWING COOLANT
Chronic Hazard: YES
Signal Word: DANGER!
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe: X
Contact Hazard-None:
Contact Hazard-Slight:
Contact Hazard-Moderate: X
Contact Hazard-Severe:
Fire Hazard-None: X
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None:
Reactivity Hazard-Slight: X
Reactivity Hazard-Moderate:

Report for NIIN: 00F030897

Reactivity Hazard-Severe:
Special Hazard Precautions: EYES: MODERATE IRRITATION. SKIN: IRRITATION &
SENSITIZATION. INGESTION: HARMFUL. THE ANTIMICROBIAL AGENTIS POISONOUS &
SHOULD BE CONSIDERED TOXIC. INHALATION: RESPIRATORY TRACT IRRITATION.
CHRONIC: KIDNEY & LIVER EFFECTS. ALLERGIES MAY RESULT FROM PROTRACTED
CONTACT. TARGET ORGANS: EYES, SKIN, DIGESTIVE & RESPIRATORY TRACT; KIDNEYS
& LIVER. INHALATION: IRRITATION OF THE NOSE & THROAT. SKIN: MILD
IRRITATION, DERMATITIS. EYES: IRRITATION, CONJUNCTIVITIS, INCREASED CORNEAL
PERMEABILITY. INGE
Protect Eye: Y
Protect Skin: Y
Protect Respiratory:
Label Name: SCOTCHMAN
Label Street: 180 EAST HIGHWAY 14
Label P.O. Box: N/K
Label City: PHILIP
Label State: SD
Label Zip Code: 57567
Label Country: US
Label Emergency Number: 605-859-2542
Year Procured: UNK