

ANSUL FIRE PROTECTION, WORMALD -- ANSULITE 3% AFFF(AFC-5-A)

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MSDS Safety Information
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FSC: 4210
NIIN: 01-144-0291
MSDS Date: 02/01/1999
MSDS Num: CLDTV
Product ID: ANSULITE 3% AFFF(AFC-5-A)
MFN: 01
Responsible Party
Cage: 03670
Name: ANSUL FIRE PROTECTION, WORMALD U.S.INC.
Address: ONE STANTON STREET
City: MARINETTE WI 54143-2542
Info Phone Number: 715-735-7411...FAX 715-732-3477
Emergency Phone Number: 800-424-9300
Preparer's Name: NOT PROVIDED
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 03670
Name: ANSUL INC
Address: ONE STANTON STREET
City: MARINETTE WI 54143-2542
Phone: 715-735-7411

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Item Description Information
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Item Manager: S9I
Item Name: FOAM LIQUID,FIRE EXTINGUISHING
Specification Number: MIL-F-24385
Type/Grade/Class: 3 TYPE
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 1
Type of Container: DRUM

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: NOT PROVIDED

Route Of Entry Inds - Inhalation: NO

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE CONTACT: MAY CAUSE MILD TRANSIENT IRRITATION AND/OR
DERMATITIS. SKIN CONTACT: MAY CAUSE MILD TRANSIENT IRRITATION. INHALATION:
INHALATION IS NOT ANTICIPATED TO BE A PROBLEM. INGESTION: IR

RITATING TO

MUCOUS MEMBRANES. LARGE ORAL DOSES COULD PRODUCE NARCOSIS. ACUTE
OVEREXPOSURE: IRRITATION OF THE EYES, SKIN AND MUCOUS MEMBRANES. CHRONIC
OVEREXPOSURE: DELAYED KIDNEY INJURY POSSIBLE LIVER DAMAGE.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION OF THE EYES, SKIN AND MUCOUS
MEMBRANES.

Medical Cond Aggravated By Exposure: DISEASES OF KIDNEY AND LIVER.

First Aid: EYE CONTACT: FLUSH WITH LARGE AMOUNT OF WATER; IF IRRITATION
PERSISTS, SEEK ME

DICAL ATTENTION. SKIN CONTACT: WASH WITH SOAP AND WATER; IF

IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. INHALATION: REMOV E VICTIM TO

FRESH AIR. SEEK MEDICAL ATTENTION IF DISCOMFORT CONTINUES. INGESTION: IF

PATIENT IS CONSCIOUS, GIVE LARGE AMOUNT OF WATER AND INDUCE VOMITING. SEEK
MEDICAL HELP.

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Handling and Disposal
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Spill Release Procedures: RINSE FLOOR THOROUGHLY WITH WATER A
S MATERIAL IS

SLIPPERY. PREVENT MATERIAL FROM REACHING SEWERS OR WATERWAYS TO AVOID
NUISANCE FOAMING.

Neutralizing Agent: NOT PROVIDED

Waste Disposal Methods: DISPOSE OF IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL
REGULATIONS.

Handling And Storage Precautions: STORE IN ORIGINAL CONTAINER.

Other Precautions: DO NOT MIX AGENTS. AVOID SKIN AND EYE CONTACT.AVOID
INGESTION.

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Fire and Explosion Hazard Information
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Flash Point Text: NONE TO BOILING
Lower Limits: NA
Upper Limits: NA
Fire Fighting Procedures: NONE. THIS IS AN EXTINGUISHING AGENT.
Unusual Fire/Explosion Hazard: NONE

Control Measures

Respiratory Protection: NOT NORMALLY NECESSARY.
Ventilation: LOC EXHAUST N/A. MECHANICAL (GENERAL): RECOMMENDED.
Protective Gloves: RUBBER OR LATEX GLOVES RECOMMENDED
Eye
Protection: CHEMICAL GOGGLES RECOMMENDED
Other Protective Equipment: EYE WASH AND SAFETY SHOWER ARE GOOD SAFETY PRACTICE.
Work Hygienic Practices: NOT PROVIDED
Supplemental Safety and Health: ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

Physical/Chemical Properties

HCC: V5
NRC/State LIC No: NOT RELEVANT
Boiling Point: =97.C, 206.6F
M.P/F.P Text: NOT PROVIDED
Decomp Text: NOT PROVIDED
Vapor Pres: NOT DETERMINED
Vapor Density: < 1
Spec Gravity: 1.02
PH: NOT PROVIDED
Viscosity: NOT PROVIDED
Evaporation Rate & Reference: 0.005 (BUTYL ACETATE=1)
Solubility in Water: 100%
Appearance and Odor: CLEAR STRAW COLORED LIQUID, MILD SWEET ODOR
Percent Volatiles by Vo
lume: 90
Corrosion Rate: NOT PROVIDED

Reactivity Data

Stability Indicator: YES
Materials To Avoid: REACTIVE METALS, ELECTRICALLY ENERGIZED EQUIPMENT, ANY MATERIALS REACTIVE WITH WATER, STRONG OXIDIZERS.
Hazardous Decomposition Products: NONE KNOWN, HOWEVER OXIDES OF NITROGEN AND SULFUR MAY BE FORMED.
Hazardous Polymerization Indicator: NO

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Toxicological Information

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Toxicological Information: DIETHYLENE GLYCOL MONOBUTYL ETHER DERMAL LD50 (RBT) 4120 MG/KG; LD50 (ORAL, RAT) 6560 MG/KG. HEXYLENE GLYCOL LD50 (ORAL, RAT) 3696 MG/KG.

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Ecological Information

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Ecological: NOT PROVIDED

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MSDS Transport Information

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Transport Information: NOT PROVIDED

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Regulatory Information

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Sara Title III Information: DIETHYLENE GLYCOL MONOBUTYL ETHER (BUTYL CARBITOL) 17 %: CHEMICAL LISTED UNDER SARA TITLE III - SECTION 313 UNDER GENERIC HEADING "GLYCOL ETHERS".

Federal Regulatory Information: NOT PROVIDED

State Regulatory Information: NOT PROVIDED

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Other Information

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Other Information: NONE

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Transportation Information

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Responsible Party Cage: 03670

Trans ID NO: 157355

Product ID: ANSULITE 3% AFFF(AFC-5-A)

MSDS Prepared Date: 02/01/1999

Review Date: 06/07/2001

MFN: 1

Net Unit Weight: 467 LBS

Multiple KIT Number: 0

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nit Of Issue: DR
Container QTY: 1
Type Of Container: DRUM

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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: ANSULITE 3% AFFF(AFC-5-A)
Cage: 03670
Company Name: ANSUL INC
Street: ONE STANTON STREET
City: MARINETTE WI
Zipcode: 54143-2542
Health Emergency Phone: 800-424-9300
Label Required IND: Y
Date Of Label Review: 06/07/2001
Status Code: A
MFG Label NO: NOT PROVIDED
Origination Code: F
Eye Protection IND: NO
Skin Protection IND: NO
Signal Word: CAUTION
Respiratory Protection IND: NO
Health Hazard: Slig

ht

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: NOT PROVIDED. MAY CAUSE MILD SKIN AND EYE IRRITATION. AVOID CONTACT. LOW HAZARD FOR RECOMMENDED HANDLING. WASH THOROUGHLY AFTER HANDLING. FIRST AID: IF CONSCIOUS, DRINK WATER AND INDUCE VOMITING. KEEP OUT OF REACH OF CHILDREN. READ MSDS.

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