

ANSUL FIRE PROTECTION,WORMALD U.S.INC. -- ANSULITE 6% AFFF (AFC-5),EXTINGUISHER --  
4210-01-354-9893

===== Product Identification =====

Product ID:ANSULITE 6% AFFF (AFC-5),EXTINGUISHER  
MSDS Date:06/01/1989  
FSC:4210  
NIIN:01-354-9893  
MSDS Number: BSBCF  
=== Responsible Party ===  
Company Name:ANSUL FIRE PROTECTION,WORMALD U.S.INC.  
Address:ONE STANTON STREET  
City:MARINETTE  
State:WI  
ZIP:54143-2542  
Country:US  
Info Phone Num:715-735-7411  
Emergency Phone Num:715-735-7411,800-424-9300(CHEMTREC)  
CAGE:03670  
=== Contractor Identification ===  
Company Name:ANSUL INC  
Address:ONE STANTON STREET  
Box:City:MARINETTE  
State:WI  
ZIP:54143-2542  
Country:US  
Phone:715-735-7411  
CAGE:03670  
Company Name:FIRE COMBAT INC  
Address:2650 INDUSTRIAL PKY  
Box:407  
City:MARINETTE  
State:WI  
ZIP:54143-3821  
Country:US  
Phone:715-735-9058  
CAGE:64903

===== Composition/Information on Ingredients =====

Ingred Name:DIET

HYLENE GLYCOL MONOBUTYL ETHER (OR BUTYL CARBITOL)

CAS:112-34-5

RTECS #:KJ9100000

Fraction by Wt: 18.5%

Other REC Limits:NONE SPECIFIED

Ingrid Name:HYDROCARBON SURFACTANTS,FLUOROSURFACTANTS, INORGANIC SALTS,  
AND WATER. (PROPRIETARY MIXTURE)

Fraction by Wt: 81.5%

Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 6560 MG/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicit

y:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: MAY CAUSE MILD TRANSIENT

IRRITATION. SKIN: MAY CAUSE MILD TRANSIENT IRRITATION. INHALATION:

NOT ANTICIPATED TO BE A PROBLEM. INGESTION: IRRITATING TO MUCOUS  
MEMBRANES. LARGE ORAL DOSES COULD PRO DUCE NARCOSIS.

Effects of Overexposure:IRRITATION OF THE EYES, SKIN, AND MUCOUS  
MEMBRANES. DELAYED KIDNEY INJURY, POSSIBLE LIVER DAMAGE.

Medical Cond Aggravated by Exposure:DISEASES OF THE KIDNEYS AND LIVER.

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===== First Aid Measures =====

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION  
PERSISTS, GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND  
WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION:  
MOVE TO FRESH AI R. GET MEDICAL ATTENTION IF DISCOMFORT CONTINUES.  
INGESTION: IF PATIENT IS CONSCIOUS, GIVE LARGE AMOUNTS OF WATER AND  
INDUCE VOMITING. GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====

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Flash Point:NONE.

Extinguishing Media:NONE. THIS IS AN EXTINGUISHING AGENT.

Fire Fighting Procedures:NONE. THIS IS AN EXTINGUISHING AGENT.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:RINSE FLOOR THOROUGHLY WITH WATER AS MATERIAL  
IS SLIPPERY. PREVENT MATERIAL FROM REACHING SEWERS OR WATERWAYS TO  
AVOID NUISANCE FOAMING.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN ORIGINAL CONTAINERS AWAY FROM INCOMPATIBLE MATERIAL. DO NOT MIX AGENTS.

Other Precautions:AVOID SKIN AND EYE CONTACT. AVOID INGESTION.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:MECHANICAL (GENERAL) VENTILATION RECOMMENDED.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:CHEMICAL GOGGLES RECOMMENDED.

Othe

r Protective Equipment:EYE WASH STATION AND SAFETY SHOWERS ARE GOOD SAFETY PRACTICE.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

THE NSN IS FOR A FIRE EXTINGUISHER. THE MANUFATURER"S MSDS IS FOR FIRE EXTINGUISHING MATERIAL.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:207F,97C

Vapor Density:1

Spec Gravity:1.02

pH:UNKNON

Evaporation Rate & Reference:0.48 (B

U AC =1)

Solubility in Water:100 %

Appearance and Odor:CLEAR STRAW COLORED LIQUID. MILD SWEET ODOR.

Percent Volatiles by Volume:95

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

REACTIVE METALS, ELECTRICALLY ENERGIZED EQUIPMENT, MATERIALS REACTIVE WITH WATER.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE KNOWN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Consider

ations =====

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

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