

Manufacturer's Name:	ANSUL INCORPORATED	Emergency Telephone No.:	CHEMTREC (800) 424-9300 or (703) 527-3887
Address:	One Stanton Street, Marinette, WI 54143-2542	Other Information Calls:	(715) 735-7411
Prepared By:	Safety and Health Department	Date Prepared:	May, 2000

**SECTION 1 – IDENTITY**

Common Name: (used on label) (Trade Name and Synonyms)	Ansul 6% Fluoroprotein Foam Concentrate – Low Temperature	CAS No.:	N/A
Chemical Name:	N/A This is a Mixture	Chemical Family:	Mixture
Formula:	N/A		

**SECTION 2 – INGREDIENTS****PART A – HAZARDOUS INGREDIENTS**

Principal Hazardous Component(s) (chemical and common name(s)):	Wt. %	CAS No.	ACGIH TLV	Acute Toxicity Data
*Ethylene Glycol	12	107-21-1	50 ppm	Oral LD <sub>50</sub> (rat) 5840 mg/kg iv LD <sub>50</sub> (mouse) 3000 mg/kg
Hexylene Glycol	17	107-41-5	25 ppm	Oral LD <sub>50</sub> (rat) 3696 mg/kg ip LD <sub>50</sub> (mouse) 1299 mg/kg
*This chemical subject to reporting requirement of SARA Title III Section 313 and 40 CFR Section 372				

**PART B – OTHER INGREDIENTS**

Other Component(s) (chemical and common name(s)):	Wt. %	CAS No.	ACGIH TLV	Acute Toxicity Data
Dichlorophene	0.02	97-23-4		Oral LD <sub>50</sub> (rat) 2690 mg/kg ip LD <sub>50</sub> 17 mg/kg
Proprietary mixture of protein hydrolysate, glycol, fluorosurfactants, inorganic salts and water; not otherwise specified.	71	N/A		NDA

**SECTION 3 – PHYSICAL AND CHEMICAL CHARACTERISTICS (Fire and Explosion Data)**

Boiling Point:	102 °C	Specific Gravity (H <sub>2</sub> O = 1):	1.12	Vapor Pressure (mm Hg):	Not Determined
Percent Volatile by Volume (%):	Approx. 70	Vapor Density (Air = 1):	Less than 1	Evaporation Rate (= 1):	0.37
Solubility in Water:	100%	Reactivity in Water:	Unreactive		
Appearance and Odor:	Red/Brown opaque liquid, mildly pungent odor.				
Flash Point:	None to boiling	Flammable Limits in Air % by Volume:	N/A	Extinguisher Media:	N/A
Auto-Ignition Temperature:	N/A				
Special Fire Fighting Procedures:	NONE – THIS IS AN EXTINGUISHING AGENT				
Unusual Fire and Explosion Hazards:	None				

**SECTION 4 – PHYSICAL HAZARDS**

Stability:	Unstable <input type="checkbox"/>	Stable <input checked="" type="checkbox"/>	Conditions to Avoid:	N/A
Incompatibility (Materials to Avoid):	Reactive metals, electrically energized equipment, any materials reactive with water, strong oxidizers.			
Hazardous Decomposition Products:	None known, however oxides of nitrogen may be formed			
Hazardous Polymerization:	May Occur <input type="checkbox"/>	Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid:	N/A

**SECTION 5 – HEALTH HAZARDS ANSUL 6% FLUOROPROTEIN FOAM CONCENTRATE – LOW TEMPERATURE (Continued)**

Threshold Limit Value:	Ethylene glycol – 50 ppm as a vapor, 10 mg/cu meter as a particulate. Hexylene glycol – 25 ppm (ACGIH).				
Routes of Entry: Eye Contact:	Causes eye irritation due to ethylene glycol content.				
Skin Contact:	Mildly irritating to the skin and slightly toxic if absorbed through the skin.				
Inhalation:	Vapors may cause irritation to the nose, throat, and respiratory tract and are toxic if inhaled.				
Ingestion:	Moderately toxic if ingested. Causes nausea, vomiting, and narcosis.				
Signs and Symptoms:	Acute Overexposure:	Irritation of the eyes, skin and respiratory tract. Upon ingestion – nausea, vomiting and narcosis.			
	Chronic Overexposure:	Damage to liver, kidneys, and central nervous system, metabolic acidosis.			
Medical Conditions Generally Aggravated by Exposure:	Diseases of the kidney, liver, and central nervous system could be affected with prolonged exposure.				
Chemical Listed as Carcinogen or Potential:	National Toxicology Program:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	I.A.R.C. Monographs:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
		OSHA:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

**SECTION 6 – EMERGENCY AND FIRST AID PROCEDURES**

Eye Contact:	Flush with large amounts of water for 15 minutes while holding lids open; if irritation persists, seek Medical attention.
Skin Contact:	Wash with soap and water; if irritation persists, seek Medical attention.
Inhalation:	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get Medical attention.
Ingestion:	If patient is conscious, give no more than two (2) glasses of water and induce vomiting. Get Medical attention.
<b>NOTE TO PHYSICIAN:</b>	If victim is a child, give no more than one (1) glass of water and 15 cc syrup of ipecac. If symptoms such as loss of gag reflex, convulsions, or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube.

**SECTION 7 – SPECIAL PROTECTION INFORMATION**

Respiratory Protection (Specify Type):	Not normally necessary. Approved organic respirator in absence of environmental controls.				
Ventilation:	Local Exhaust:	N/A	Mechanical (General):	Recommended	
Protective Gloves:	Rubber or latex gloves are recommended		Eye Protection:	Chemical goggles recommended.	
Other Protective Clothing or Equipment:	Eye wash and safety showers are good safety practice. Clean body-covering clothing.				

**SECTION 8 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage:	Store in original container. Note incompatibility information in Section 4.
Other Precautions:	Do not mix agents. Avoid skin and eye contact. Avoid ingestion. Avoid breathing vapors if generated.
Steps to be Taken in Case Material is Released or Spilled:	Rinse floor thoroughly with water as material is slippery. Prevent material from reaching sewers or waterways to avoid nuisance foaming.
Waste Disposal Methods:	Dispose of in compliance with local, state, and federal regulations.

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS**

<b>HAZARD INDEX:</b>	
4 Severe Hazard	1    HEALTH
3 Serious Hazard	0    FLAMMABILITY
2 Moderate Hazard	
1 Slight Hazard	0    REACTIVITY
0 Minimal Hazard	

N/A = Not Applicable      NDA = No Data Available

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