

**PLUS-FIFTY C**

QUICK IDENTIFIER (In Plant Common Name)

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:	January 12, 1996

**SECTION 1 – IDENTITY**

Common Name: (used on label) (Trade Name and Synonyms)	PLUS-FIFTY C Dry Chemical Extinguishing Agent	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
Talc	<5	14807-96-6	2 mg/M <sup>3</sup>	NDA
Magnesium Aluminum Silicate (Attapulgite Clay)	<4	8031-18-3	10 mg/M <sup>3</sup>	NDA
PART B – OTHER INGREDIENTS				
Other Component(s) (chemical and common name(s)):	Wt. %	CAS No.	ACGIH TLV	Acute Toxicity Data
Proprietary mixture of: Sodium Bicarbonate	90 – 92	144-55-8		Oral LD <sub>50</sub> (rat) 4220 mg/kg
Methyl Hydrogen Polysiloxane	<0.2	63148-57-2		NDA
Blue Pigment (Hostaperm Blue)	<0.1	00147-14-8		Oral LD <sub>50</sub> (rat) 6400 mg/kg

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

Boiling Point:	N/A	Specific Gravity (H <sub>2</sub> O = 1):	N/A	Vapor Pressure (mm Hg):	N/A
Percent Volatile by Volume (%):	N/A	Vapor Density (Air = 1):	N/A	Evaporation Rate (= 1):	N/A
Solubility in Water:	Slight	Reactivity in Water:	Unreactive		
Appearance and Odor:	Blue colored powder, no characteristic odor				
Flash Point:	None	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):	Strong acids, NaK alloy and NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub>			
Hazardous Decomposition Products:	CO <sub>2</sub>			
Hazardous Polymerization:	May Occur <input type="checkbox"/>	Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid:	N/A

**SECTION 5 – HEALTH HAZARDS****PLUS-FIFTY C (Continued)**

Threshold Limit Value:	OSHA nuisance dust limit of 15 mg/M <sup>3</sup> or ACGIH nuisance dust value of 10 mg/M <sup>3</sup> for the eight hour time-weighted average.		
Routes of Entry: Eye Contact:	Mildly irritating for a short period of time.		
Skin Contact:	May be mildly irritating.		
Inhalation:	Treat as a mineral dust. Irritant to the respiratory tract.		
Ingestion:	Not an expected route of entry.		
Signs and Symptoms:	Acute Overexposure:	Transient cough, shortness of breath.	
	Chronic Overexposure:	Talcosis, pulmonary fibrosis.	
Medical Conditions Generally Aggravated by Exposure:	Reactive airway		
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; 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. Seek Medical attention if discomfort continues.
Ingestion:	If patient is conscious, give large amounts of water and induce vomiting. Seek Medical help.

**SECTION 7 – SPECIAL PROTECTION INFORMATION**

Respiratory Protection (Specify Type):	Dust mask where dustiness is prevalent, or TLV exceeded. Mechanical filter respirator if exposure is prolonged.		
Ventilation:	Local Exhaust:	Discretionary	Mechanical (General): Recommended
Protective Gloves:	N/A	Eye Protection:	Recommended as mechanical barrier for prolonged exposure.
Other Protective Clothing or Equipment:	If irritation occurs, long sleeves and impervious gloves should be worn.		

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

Precautions to be Taken in Handling and Storage:	Should be stored in original container or Ansul fire extinguisher.
Other Precautions:	Do not mix agents.
Steps to be Taken in Case Material is Released or Spilled:	Sweep up.
Waste Disposal Methods:	Dispose of in compliance with local, state, and federal regulations. Components are nonhazardous, sanitary landfill disposal is acceptable.

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS**

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

N/A = Not Applicable      NDA = No Data Available

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