

# MSDS

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## Chemguard 3% AFFF

### 1. IDENTIFICATION

**Manufacturer:** Chemguard Inc.  
204 South Sixth Ave.  
Mansfield, Texas 76063  
(817)473-9964  
*Emergency Phone: (817)473-9964*

**Chemical Name:** Mixture  
**Chemical Family:** Not Applicable  
**Formula:** Not Applicable  
**CAS No.:** Not Applicable  
**Revision Date:** 05/22/00

### 2. INGREDIENTS

**Hazardous Ingredients:** None  
**Other Ingredients:** Proprietary mixture of fluorocarbon and hydrocarbon surfactants and solvents.

**SARA Title III Reportable Components:** None

### 3. PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** 212°-310° F.  
**Melting Point:** 28° F.  
**Specific Gravity:** 1.02 g/ml  
**Vapour Pressure:** Not Applicable  
**pH:** 6.4 - 7.4  
**Flash Point (PMCC):** 145° F.  
**Vapour Density (air=1):** Not Applicable  
**Solubility in Water:** 100%  
**Evaporation Rate (butyl acetate=1):** < 1  
**Appearance and Odour:** Clear, very slightly yellow liquid

### 4. FIRE & EXPLOSION HAZARD DATA

**Flash Point (PMCC):** 145° F.  
**Extinguishing Media:** Compatible with CO<sub>2</sub>, dry chemicals, foam, water and halon  
**Special Firefighting Procedures:** None  
**Unusual Explosion Hazards:** None  
**Flammable Limits:** Not flammable

## **5. REACTIVITY DATA**

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Incompatibility:</b>	Avoid strong oxidizers and strong acids
<b>Decomposition Products:</b>	CO <sub>2</sub> , CO, possibly NH <sub>3</sub>

## **6. HEALTH HAZARD DATA**

### **Routes of Entry**

<b>-Eye:</b>	May cause eye irritation
<b>-Inhalation:</b>	May cause mild irritation
<b>-Skin:</b>	May cause mild irritation
<b>-Ingestion:</b>	Not an expected route of entry

### **Health Hazard**

<b>-Acute:</b>	Irritation of eyes, skin and mucous membranes
<b>-Chronic:</b>	None known
<b>Carcinogenicity:</b>	Not a carcinogen
<b>OSHA Regulated:</b>	No
<b>Medical Conditions Generally Aggravated by Exposure:</b>	Skin irritation to individuals with sensitive skin
<b>Signs &amp; Symptoms of Exposure:</b>	Watering of eyes, reddening of skin

### **Emergency & First Aid Procedures**

<b>-Eyes:</b>	Flush with water & contact physician
<b>-Skin:</b>	Rinse with water, wash with soap & water
<b>-Inhalation:</b>	Remove to fresh air
<b>-Ingestion</b>	Do not induce vomiting-call physician

## **7. PRECAUTIONS**

<b>Handling &amp; Storage:</b>	Store in original container
<b>Release or Spill Measures:</b>	Contain and collect spill. Dispose according to Local, State and Federal Regulations
<b>Waste Disposal Method:</b>	Dispose according to Local, State and Federal Regulations. Send to local waste treatment plant only with permission.
<b>Other Precautions:</b>	Areas on which a spill occurred may be slippery

## **8. CONTROL MEASURES**

<b>Respiratory Protection:</b>	Not generally needed
<b>Ventilation:</b>	Use if available
<b>Protective Gloves:</b>	Latex or rubber
<b>Eye Protection:</b>	Use safety glasses with side shields, or goggles
<b>Other Protective Clothing / Equipment:</b>	None recommended
<b>Industrial Hygienic Practices:</b>	Clean spills