



Ready Resources, Inc. / Ready Clean  
108 S. Robinson Drive (Hwy. 77 South)  
Waco, Tx. 76706  
(254) 662-0855 Toll Free (877) 662-5450 Fax (254) 662-5450  
TX VENDOR #28993

# MSDS

## Chemguard Class A

### 1. PRODUCT IDENTIFICATION

**Chemical Family:** Surfactant mixture; firefighting foam concentrate  
Aqueous Film Forming Foam

**Product name:** Chemguard Class "A" Plus

**Manufacturer:** Ready Resources, Inc.  
108 S. Robinson Drive  
Waco, TX, 76706  
(254) 662-0855  
(254) 717-1735

**Revision Date:** 8/3/07

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient Name:** Water  
CAS No. 7732-18-5  
TWA: Not established  
STEL: Not established  
PEL: Not established  
Wt. by %: 54%-72%

**Ingredient Name:** hexylene glycol  
CAS No. 107-41-5  
TWA: Not established  
STEL: Not established  
PEL: Not established  
Wt. by %: 4%-8%

**Ingredient Name:** propylene glycol t-butyl ether  
CAS No. 57018-52-7  
TWA: N/A  
STEL: N/A  
PEL: N/A  
Wt. by %: 4%-8%

**Ingredient Name:** hydrocarbon surfactant blend  
CAS No. --  
TWA: N/A  
STEL: N/A  
PEL: N/A  
Wt. by %: 20%-30%

### 3. HAZARDS IDENTIFICATION

**Routes of entry:** Dermal, inhalation and ingestion

**Potential Health Effects:** May cause skin and eye irritation  
**Carcinogenicity:** Not a carcinogen

#### **4. FIRST AID MEASURES**

**Ingestion:** Do not induce vomiting. Call a physician.  
**Inhalation:** Remove to fresh air.  
**Skin:** Rinse with water. Wash with soap and water. Contaminated clothing should be washed before re-use.  
**Eyes:** Rinse with water. Call a physician.

#### **5. FIREFIGHTING MEASURES**

**Flash Point:** N/A  
**Flammable limits in air:** Not evaluated.  
**Auto-ignition temperature:** Not evaluated.  
**General hazards:** None known.  
**Firefighting equipment:** Self contained breathing apparatus.  
**Fire extinguishing media:** Water, foam, carbon dioxide, dry chemical, halon.  
**Fire and Explosion hazards:** Decomposition products may be toxic.  
**Hazardous combustion product:** None known.

#### **6. ACCIDENTAL RELEASE**

**Contain spills:** Vacuum or pump into storage containers, absorb smaller quantities with absorbent materials, and dispose of properly. Washing area with water will create large amounts of foam.  
 Dispose of released and contained material in accordance with local, state and federal regulations. Release to local waste treatment plant only with permission.

#### **7. HANDLING AND STORAGE**

Store in original container, or appropriate end-use device. Store at temperatures of 35°-120°F. If the material freezes, it may be thawed without loss of performance.

#### **8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Eye Protection:** Wear side-shield safety glasses.  
**Skin Protection:** Wear latex gloves.  
**Respiratory Protection:** Use organic vapour respirator if needed.

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point:** Not determined  
**Melting Point:** 35°F-40°F  
**Specific Gravity:** 0.998 g/ml  
**Vapour Pressure (mm Hg):** Not determined  
**pH:** 7.7  
**Flash Point (PMCC):** 145°F  
**Vapour Density (air=1)** Not determined  
**Solubility in water:** 100%  
**Appearance:** Clear, slightly yellow liquid  
**Odour:** Slight solvent odour

#### **10. STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibility:** Strong oxidizers  
**Hazardous Polymerization:** Will not occur.  
**Decomposition Products:** Oxides of nitrogen, sulfur, carbon.

### **11. TOXICOLOGICAL INFORMATION**

**Eye Irritation:** (Rabbits) mild irritant  
**Skin Irritation:** (Rabbits) minimal irritant  
**Inhalation toxicity:** Not evaluated  
**Sensitization:** Not evaluated  
**Teratology:** Not evaluated  
**Mutagenicity:** Not evaluated  
**Reproduction:** Not evaluated  
**Acute Oral Effects:** (Rats) Not evaluated

### **12. ECOLOGICAL INFORMATION**

	<b><u>Concentrate</u></b>	<b><u>Solution (as used)</u></b>
Chemical Oxygen Demand:	697,000 mg/l	3,485 mg/l
Biological Oxygen Demand (20 day):	415,000 mg/l	2,075 mg/l
Biodegradability (B.O.D./C.O.D.):	60%	60%
Total Organic Carbon:	14,700 mg/l	735 mg/l

### **13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with local, state, and federal regulations. Discharge to waste treatment plants only with permission. Anti-foam agents may be used to reduce foaming in waste streams.

### **14. TRANSPORTATION INFORMATION**

Department of Transportation proper shipping name: Not regulated  
Hazard class: None  
UN Number: None

### **15. REGULATORY INFORMATION**

All ingredients are on the TSCA inventory.  
No components are reportable under SARA Title III, sec. 313.  
No components are priority pollutants listed under the U.S. Clean Water Act Section 307 (2)(1) Priority Pollutant List (40 CFR 401.15).  
No components are reportable under CERCLA.

### **16. OTHER INFORMATION**

#### **NFPA Hazard Ratings**

1  
2  
0

Health Hazard Rating  
Flammability Rating  
Instability/Reactivity Rating

#### **HMIS Identification System**

1  
1  
0