



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

	<u>Concentrate</u>	<u>Solution (as used)</u>
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