

# MATERIAL SAFETY DATA SHEET

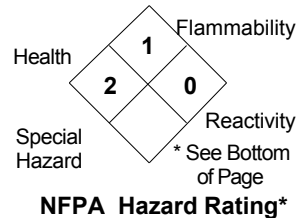
Manufactured by:

**Anderson**

**21** **SURFLEX**<sup>®</sup>  
SERIES

**Chemical Company**

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LITCHFIELD, MINNESOTA 55355  
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**NFPA Hazard Rating\***

Product Name: **Barrier II**

Revised: 6/21/2006 Imt

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC) Supersedes: 9/6/2001

## I. IDENTIFICATION

### Chemical Name And Synonyms:

Not applicable

### DOT Shipping Name

Corrosive Liquid, N.O.S.  
(Quaternary Ammonium Chloride)

### Chemical Family:

Quaternary

### DOT Hazard Class & I.D. Number

Corrosive Material UN1760

# PG  
8 III

## II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Quat. Ammonium chloride	mixture	10	Not established	Not established	NA	Skin and eye irritant
Ethanol	64-17-5	1	TWA=1000 ppm		NA	Combustible

\*\*Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372). NA: Not applicable NE: Not established

## III. PHYSICAL DATA

**Boiling Point:** Above 212° F.

**Specific Gravity:** 0.989

**Appearance:** Clear, red liquid

**Form:** Liquid

**Solubility In Water:** Complete

**Odor:** None

**pH, Neat:** 7.9

## IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** >200°F

**Extinguishing Media:** Water fog - carbon dioxide - dry chemical - "alcohol" foam.

### Special Fire

**Fighting Procedures:** Cool fire exposed drums with water spray. Good fire-fighting technique dictates the use of self-contained breathing apparatus and other protective gear.

### Unusual Fire And

**Explosion Hazards:** None known

## V. HEALTH HAZARD DATA

**Carcinogenic:** The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

**Effects Of Over-exposure:** Causes skin and eye irritation and/or burns. May be harmful if swallowed. May irritate respiratory tract. The severity of effects depend on concentration and how soon after exposure the area is washed.

### Emergency And First

**Aid Procedures:**  
**Eyes:** Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate medical attention.  
**Skin:** Flush with water for 15 minutes. If irritation persists after rinsing, get medical attention. Remove contaminated clothing and wash before reuse.  
**Ingestion:** Rinse mouth with water. Give water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to a semi-comatose, comatose, convulsing or unconscious person.  
**Inhalation:** Remove victim to fresh air. If breathing difficulty occurs and persists, get medical attention.

\* NFPA/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

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HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

## VI. REACTIVITY DATA

Stability - Unstable:                      Stable: **X**

**Conditions To Avoid:** Extreme heat or sources of ignition.

**Incompatibility:** Strong oxidizing agents.  
(Materials To Avoid)

**Hazardous**

**Decomposition Products:** Carbon monoxide, carbon dioxide, nitrous oxides and ammoniacal vapors.

## VII. SPILL OR LEAK PROCEDURES

### Steps To Be Taken In Case Material Is Released Or Spilled:

Contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid to container for recovery or disposal.

**Waste Disposal Method:** Dispose of in accordance with local, state, and federal regulations.

## VIII. SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Respiratory protection is not required for normal use. If mist level is high, wear NIOSH approved respirator.

**Ventilation:** Adequate mechanical

**Protective Gloves:** Impervious rubber

**Eye Protection:** Safety glasses

**Protective Clothing:** If repeated or prolonged contact is anticipated, wear protective clothing.

## IX. SPECIAL PRECAUTIONS

### Precautions To Be Taken In Handling And Storing:

Avoid contact with skin and eyes. Store containers in dry, cool, well ventilated areas. Avoid overheating or freezing. Spilled material is slippery. Wash thoroughly after handling.

**Other Precautions:** Safety showers and eyewash stations should be available in handling areas.

## X. REVISED INFORMATION

**MSDS Status:** Added DOT and general update