

MATERIAL SAFETY DATA SHEET

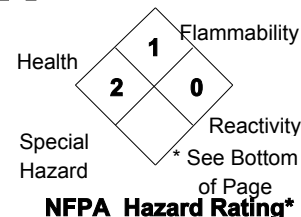
Manufactured by:

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SURFLEX[®]
SERIES

**Anderson
Chemical Company**

325 SOUTH DAVIS AVENUE
LITCHFIELD, MINNESOTA 55355
(320) 693-2477



Product Name: Barrier II

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 5/9/2011
Supersedes: 6/21/2006

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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: Not established
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 cause permanent eye damage. 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: 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.

Continued On Back

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, Apron, Dust Respirator G. Safety Glasses, Apron, Vapor Respirator H. Splash Goggles, Apron, Vapor Respirator I. Safety Glasses, Apron, Vapor and Dust Respirator J. Splash Goggles, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Apron, 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:

For small spills, take up material with an absorbent such as clay or sand and dispose of properly. Flush area with water to remove trace residue.

For large spills, evacuate non essential personnel, eliminate ignition sources, and wear protective equipment. Shut off source of leak only if safe to do so. Dike and contain spilled material. Recover free product. To clean up residue use an absorbent such as sand, clay. Flush area with water to remove trace residue. Avoid runoff to ground water, surface waters, and sewers.

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 eyes and skin. Wash thoroughly after handling. Avoid overheating or freezing. Store where temperatures are above freezing. Store in a cool, dry, well ventilated area. Keep container closed when not in use. Minimize sources of ignition; no smoking, open flames, or sources of ignition.

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

X. REVISED INFORMATION

MSDS Status:

The opinions expressed herein are those of qualified experts within *ANDERSON* Chemical Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of *ANDERSON* Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.