

AND ABC 994

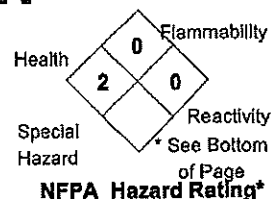
MATERIAL SAFETY DATA SHEET

Manufactured by:



**Anderson
Chemical Company**
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LITCHFIELD, MINNESOTA 55355
(320) 693-2477

Health 2
Flammability 0
Reactivity 0
Personal Protection X
HMIS Rating System*



Product Name: **CS-5170**

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

Revised: 3/5/2010 Int
Supersedes: 9/18/2003

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable.

DOT Shipping Name

Not applicable.

Chemical Family:

Proprietary blend.

DOT Hazard Class & I.D. Number

Not applicable.

PG

II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Sodium Hydroxide	1310-73-2	<1.5	2 mg/M3	2 mg/M3	NA	Corrosive to skin and eyes
Sodium Nitrite	7632-00-0	3			313**	Causes Irritation, redness and pain to skin and eyes.

**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: 1.130
Appearance: Clear Liquid

Form: Liquid
Solubility In Water: Complete
Odor: None

pH, Neat: 12.8

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Use media appropriate to surrounding fire.

Special Fire Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good fire-fighting practice 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 due to the pH of the concentrate. May be harmful if swallowed. May irritate respiratory tract.

Emergency And First Aid: Immediately flush with water for at least 15 minutes, raising eyelids for complete rinsing. *Get immediate medical attention.*

Aid Procedures: **Skin:** Immediately flush with water for at least 15 minutes while removing contaminated clothing. Wash contaminated clothing before reuse. *Get prompt medical attention* if irritation occurs.

Inhalation: Remove victim to fresh air. If breathing is difficult, *Get immediate medical attention.*

Ingestion: Do NOT induce vomiting. Give large quantities of water or milk. GET IMMEDIATE MEDICAL ATTENTION. Never give anything by mouth to an unconscious person.

* NFPA/HMIS Degree of 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:
Conditions To Avoid: None known.

Stable: x

Incompatibility: Reacts with strong acids. Avoid contact with aluminum, tin, zinc and their alloys.
(Materials to Avoid)

Hazardous None known.
Decomposition Products:

VII. SPILL OR LEAK PROCEDURES

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

Small spills can be diluted with a large amount of water and flushed to sewer. Larger spills, remove unnecessary personnel. Wear appropriate protective gear. Completely contain spilled material with dikes or sandbags, etc., and prevent run-off into ground or surface waters or sewers. Recover as much material as possible into containers for disposal. Neutralize alkalinity by adding a dilute acid (Dilute hydrochloric, dilute sulfuric, or dilute citric acid are acceptable neutralizing agents).

Waste Disposal Method: If material cannot be salvaged, neutralize and then discharge into a treatment system in accordance with local, state and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required for normal use. If mist levels are above TLV, wear an approved NIOSH self-contained breathing apparatus.

Ventilation: Adequate to meet exposure limit for alkaline mist.

Protective Gloves: Rubber or neoprene.
Eye Protection: Chemical goggles.

Protective Clothing: Use appropriate protective clothing to minimize skin contact where liquid splashing or contact is expected.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Store in cool area, avoid contamination. Keep container closed when not in use. Avoid contact with skin and eyes. Use goggles, rubber apron and boots where liquid splashing or contact is expected. Wash thoroughly after handling. Use with adequate ventilation.

Other Precautions Safety showers and eyewash stations should be provided in the areas where this product is handled.

X. REVISED INFORMATION

MSDS Status: MSDS review, no changes

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.