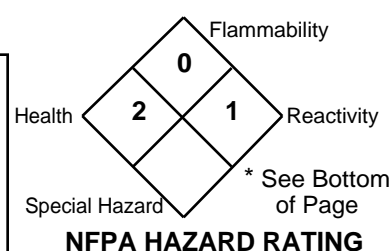


MATERIAL SAFETY DATA SHEET

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Distributed by:
Chem Source
1904 Lenore Lane
Red Wing, MN 55066



Product Name: **Protect**

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

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

Chemical Family:

Alkali

DOT Shipping Name

Compounds, Cleaning Liquid
(Potassium Hydroxide/Sodium Hypochlorite)

DOT Hazard Class & I.D. Number

Corrosive Material NA1760

PG
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II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Potassium Hydroxide	1310-58-3	10	2 mg/M3	not established	NA	Corrosive to skin and eyes.
Sodium Hypochlorite	7681-52-9	3	not established	not established	NA	Irritant to skin, eyes, and mucous membranes.

**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

III. PHYSICAL DATA

Boiling Point: About 212° F.
Specific Gravity: 1.253
Appearance: Yellow liquid

Form: Liquid
Solubility In Water: Complete
Odor: Slight chlorine odor.
pH, 1% Soln.: 11.95

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Not applicable

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: If the stock solution container breaks, the solution should be handled with care as it is corrosive.

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: Corrosive. May cause severe burns or irritation. May cause irreversible damage to eyes in some cases.

Emergency And First

Aid Procedures: EYES: Flush immediately with water for 15 minutes. Raise eyelids for complete rinsing. SEEK PROMPT MEDICAL ATTENTION.

SKIN: Flush with water for 15 minutes. If irritation persists, SEEK MEDICAL ATTENTION. Remove contaminated clothing and wash before reuse.

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

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

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VI. REACTIVITY DATA

Stability - Unstable: Stable:

Conditions To Avoid: Store separately from acids.

Incompatibility: Reacts vigorously with strong acids liberating chlorine gas.
(Materials To Avoid)

Hazardous

Decomposition Products: Not applicable.

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 sanitary sewer. For large spills, neutralize chlorine by adding sodium sulfite, sodium bisulfite or sodium thiosulfate; then neutralize alkalinity by adding a dilute acid.

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: Should be adequate to keep mist level below the TLV.

Protective Gloves: Rubber or chemical resistant.

Eye Protection: Chemical goggles, face shield.

Protective Clothing: Wear protective clothing along with rubber shoes or boots.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Wear protective equipment. Wash after handling. Safety showers and eyewash stations should be provided in the areas where this product is handled. Keep containers closed and sealed.

Other Precautions: Not applicable.

X. REVISED INFORMATION

MSDS Status: Product Name

Revised: 2/24/1998 kma

Supersedes: 9/6/1996

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.