

MATERIAL SAFETY DATA SHEET

Manufactured by:

ANDERSON Chemical Company

Litchfield, Minnesota 55355-1041 (320) 693-2477



Product Name: CONQUER

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

Revised: 1/8/2007

Supersedes: 2/28/2003

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

DOT Shipping Name

Compounds, Cleaning Liquid

(Sodium Hydroxide/Sodium Hypochlorite)

DOT Hazard Class & I.D. Number

8

Chemical Family: Alkali

Corrosive Material NA1760

PG

Ш

Children Con h S INGREDIENTS Hazard Component CAS NO. Toxic Corrosive to skin and eyes Sodium Hydroxide 1310-73-2 16 2 mg/M3 2 mg/M3 NA Severe irritantion/burns to skin, eyes and mucous 7681-52-9 ΝE ΝE NA Sodium hypochlorite membranes Trade Secret **TSRN 1800** ΝE NE NA

**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

Form: Liquid

Boiling Point: Not established Specific Gravity: 1.252

Appearance: Clear, pale yellow liquid

pH, 1% Soln.: 12.6

Establish Transport

Solubility In Water: Complete

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 firefighting practice dictates the use of self-contained

breathing apparatus and other protective gear. Cool fire-exposed containers with water.

Unusual Fire And

Explosion Hazards: If the stock solution container breaks, the solution should be handled with care as it is corrosive. Direct contact with water can cause an

exothermic reaction.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by NTP, IARC, and OSHA

Effects Of Over-exposure: Corrosive. Causes irritation (possibly severe), burns to the eyes. May cause permanent eye damage. Causes irritation (possibly

severe), burns to the skin. Causes irritation (possibly severe), burns, nausea, vomiting to the gastrointestinal tract. The severity of effects

depend on concentration and how soon after exposure the area is washed.

Emergency And First

Aid Procedures: EYES: Flush with water for 15 minutes, raise eyelids for complete rinsing. Get immediate medical attention.

SKIN: Immediately flush with water for 15 minutes. Remove contaminated clothing and wash before reuse. Get immediate medical

attention. Discard contaminated leather goods.

INGESTION: Do not induce vomiting. Give large quantities of water, Get immediate medical attention. Never give anything by mouth to

an unconscious or convulsing person.

Page 2; PRODUCT NAME: Conquer

VI. REACTIVITY DATA

Stability - Unstable:

Stable: X

Conditions To Avoid: Mixing with water, acid or incompatible materials may cause splattering and release of large amounts of heat. Will react with

some metals forming flammable hydrogen gas.

Incompatibility: Acids, halogenated compounds, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive (Materials To Avoid) metals or alloys. Avoid contact with leather, wool, organic nitro compounds. Reacts with strong acids and will yield chlorine gas.

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, wear appropriate personal protection equipment. 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 or reuse. Remaining material may be diluted with water; neutralize chlorine by adding sodium sulfite, sodium bisulfite or sodium thiosulfate; then neutralize alkalinity by adding a dilute acid. Flush spill area with water followed by a liberal covering of sodium bicarbonate. Neutralization products, both solid and liquid, must be recovered for disposal.

Waste Disposal Method: Dispose of in accordance with federal, state or local disposal authorities.

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: Safety glasses with side shields. Chemical goggles, face shield if appropriate.

Protective Clothing: In situations where contact with can be anticipated, protective clothing should be worn.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wear appropriate protective clothing/equipment. Do not breathe vapors or mists. Use with adequate ventilation. Keep containers tightly closed and properly labeled. Safety shower and eyewash stations should be provided in the areas where this product is handled. Containers that have been emptied will retain product residue and should be handled as if they were full.

Other Precautions: Not applicable.

X. REVISED INFORMATION

MSDS Status:

Supplier update

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.