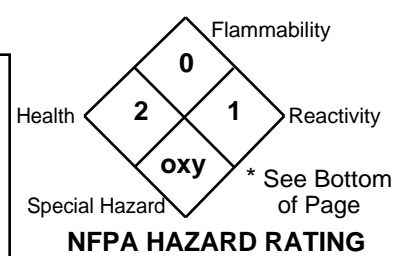


# MATERIAL SAFETY DATA SHEET

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



Product Name: **Liquid Laundry Bleach**

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

## I. IDENTIFICATION

### Chemical Name And Synonyms:

Sodium Hypochlorite

### DOT Shipping Name

Hypochlorite Solution

### Chemical Family:

Alkaline Oxidizing Agent

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

Corrosive Material UN1791

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## II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Sodium Hypochlorite	7681-52-9	12.5	N/A	N/A	NA	Irritation to eyes, skin, 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:** 230° F.

**Specific Gravity:** 1.200

**Appearance:** Light yellow green

**Form:** Liquid

**pH, 1% Soln.:** 11.4

**Solubility In Water:** Complete

**Odor:** Strong chlorine bleach odor

## IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** Not Applicable

**Extinguishing Media:** Not applicable

### Special Fire

**Fighting Procedures:** Avoid fumes from spilled or exposed liquid, dilute copiously, ventilate, and be prepared to use respiratory protection if needed. Acid contamination will produce chlorine gas which is highly toxic.

### Unusual Fire And

**Explosion Hazards:** This product decomposes when heated to very high temperatures. Decomposition products may cause containers to rupture or explode.

## 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:** Irritating to eyes, skin and mucous membranes.

### Emergency And First

**Aid Procedures:** INGESTION: DO NOT induce vomiting. Drink water or milk. Get immediate medical attention. DO NOT use baking soda or acidic antidotes.  
EYES: Immediately flush with water for 15 minutes, see a physician immediately.  
SKIN: Flush with water for 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing and wash before reuse.  
INHALATION: Remove person to fresh air.

\* 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:** High temp. exposure to light, acids, contamination with heavy metals such as nickel, cobalt, copper, iron.

**Incompatibility:** Organics, ether, ammonia, acids, reducing agents, heavy metal contamination, nickel, cobalt, copper, iron.  
(Materials To Avoid)

### Hazardous

**Decomposition Products:** Readily reducible materials or acidic solutions, acids will react with this product liberating chlorine gas which is highly toxic.

## VII. SPILL OR LEAK PROCEDURES

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

Contain if possible by diking. Dilute as much as possible with water. Neutralize chlorine with bisulfites, sulfites or thiosulfates. Next, neutralize to a neutral pH with dilute acid.

**Waste Disposal Method:** After proper neutralization, decompose of according to local, state and federal regulation. Ordinarily the neutralized substance can be flushed to drain.

## VIII. SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** None needed unless this product is exposed to decomposition conditions.

**Ventilation:** Adequate

**Protective Gloves:** Rubber or plastic

**Eye Protection:** Safety goggles

**Protective Clothing:** Use rubber apron. If spills occur, use rubber protective shoes.

## IX. SPECIAL PRECAUTIONS

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

Store in vented, closed, container in a dry location away from direct sunlight and not adjacent to chemicals which may react with this product if spillage should occur.

**Other Precautions:** Do not mix or contaminate with ammonia, hydrocarbons, acids, alcohols, or ether. Safety showers and eyewash stations should be available in storage and handling areas.

## X. REVISED INFORMATION

**MSDS Status:** Name changed to private brand.

**Revised:** 3/3/2000 kma

**Supersedes:** 9/17/1996

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.