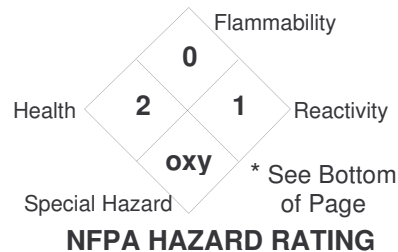


MATERIAL SAFETY DATA SHEET

Distributed by:

Chem Source
1904 Lenore Lane
Red Wing, MN 55066



Revised: 3/3/2000 kma

Supersedes: 10/18/1996

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

Product Name: **Lo-Temp Chlorinating Sanitizer**

I. IDENTIFICATION

Chemical Name And Synonyms:

Sodium Hypochlorite

DOT Shipping Name

Hypochlorite Solution

Chemical Family:

Hypochlorite

DOT Hazard Class & I.D. Number

Corrosive Material UN1791

#

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PG

III

II. HAZARDOUS INGREDIENTS

Component	CASNO.	%	TLV	PEL	Toxic	Hazard
Sodium Hypochlorite	7681-52-9	5.25	not est.		NA	Irritant 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

NA: Not applicable
NE: Not established

III. PHYSICAL DATA

Boiling Point: 212° F.

Specific Gravity: 1.090

Appearance: Clear, pale yellow color

Form: Liquid

Solubility In Water: Complete

Odor: None

pH, 1% Soln.: 11.4

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 with water, ventilate and be prepared to use respiratory protection. Acid contamination will produce chlorine gas.

Unusual Fire And

Explosion Hazards: 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: Irritant to eyes, skin and mucous membranes.

Emergency And First

Aid Procedures: 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.

INGESTION: Drink water or milk. Get immediate medical attention. DO NOT INDUCE VOMITING. DO NOT use baking soda or acidic antidotes.

INHALATION: Remove person to fresh air.

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

Continued On Back

VI. REACTIVITY DATA

Stability - Unstable:

Stable:

Conditions To Avoid: High temperature exposure to light, acids, contamination with heavy metal such as nickel, cobalt, copper and iron.

Incompatibility: Organics, ether, ammonia, acids, reducing agents, heavy metal contamination, nickel cobalt, copper and 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, dispose of according to federal, state and local regulations. Ordinarily the neutralized substance can be flushed to drain.

VIII. SPECIAL PROTECTION INFORMATION

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

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:

Stored 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.