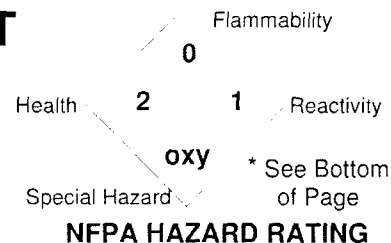


Ginsberg's Item No 14383

# MATERIAL SAFETY DATA SHEET

## **SURFLEX** SERIES

Manufactured by:  
**ANDERSON Chemical Company**  
Litchfield, Minnesota 55355-1041  
(320) 693-2477



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

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

Revised: 3/3/2000 kma  
Supersedes: 10/18/1996

### I. IDENTIFICATION

**Chemical Name And Synonyms:**  
Sodium Hypochlorite

**DOT Shipping Name**  
Hypochlorite Solution

**Chemical Family:**  
Hypochlorite

**DOT Hazard Class & LD. Number**  
Corrosive Material UN1791

# PG  
8 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

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

## 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.