Houston , Texas 77077

Data sheet

Health	3
Flammability	0
Reactivity	1
Personal Protection	Yes

AUG 02 1993 AUG 02 1993

I Chemical Identification

NAME: Reliance Disinfectant Bleach CAS no. 7681-52-9

DESCRIPTION: Sodium Hypochlorite

Other Designations	Manufacturer	Emergency Procedure
Bleach	So-White Chemical Co.,Inc. 1075 Plover Road Plover, WI. 54467	Call your local poison control center or For Transportation Emergencies CHEMTREC : 800 - 424 - 9300

II Health Hazard Data

Threshold Limit Value: Not Established (OSHA 29 CFR 1910.z-1-a) - Not Established (ACGIH 1988-89) - Recommended Exposure Limit for Chlorine be used as a guide: 0.5 ppm (OSHA 29 CFR 1910. Z-1-A) ; C 1 ppm (AACGIH).

Effects of Overexposure: Eye Contact: Corrosive - Causes severe burns and destruction of tissues. Skin Contact: Corrosive to skin. Inhalation: Mists will burn mucous membranes. Ingestion: Ingestion can cause very serious damage to the mouth, esophagus, stomach, and other tissues with which contact is made, and may be fatal.

Emergency And First Aid Procedures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes.Call a physician immediately. Skin Contact: Flush area with water while removing contaminated clothing and shoes. Follow by washing with soap and water if irritation persists, get medical attention. Ingestion: If conscious, drink a quart of water. Do not induce vomiting. Call a physician immediately. If unconscious or in convulsions, take immediately to a hospital or a physician. Inhalation: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a Physician.

Note: This product does not contain greater than 0.1 % of the known or potential carcinogens listed in NTP, IARC, or OSHA.

III Hazardous Ingredients

SODIUM HYPOCHLORITE

TLV LEVEL	PEL LEVEL
* 0.5 PPM	* 0.5 PPM

NOTE: * Exposure Limits for chlorine given.

IV Special Protection and Precaution

RESPIRATORY PROTECTION: If vapors or mists are present wear: NIOSH - Approved respirator.
VENTILATION: Maintain adequate ventilation. Do not use in closed or confined space. Avoid mist formation.
PROTECTIVE GLOVES: Rubber (latex). Polyvinyl Chloride. Neoprene.
EYE PROTECTION: Chemical safety goggles. Safety glasses. Face shield. Do not wear contact lenses.
OTHER PROTECTIVE EQUIPMENT: Eye-wash station. Safety shower. Rubber apron. Chemical safety shoes. Protective clothing.

PRECAUTIONS FOR HANDLING AND STORAGE: Corrosive material. Store in cool, well-ventilated area away from all sources of ignition and out of direct sunlight. Keep containers tightly closed. Do not freeze. Avoid contact with skin and eyes. Do not swallow. Use with adequate ventilation. Avoid prolonged or repeated breathing of vapors. Wash thoroughly after handling. Avoid dust or mist formation.

V Transportation and Regulatory Data

DOT PROPER SHIPPING NAME: HYPOCHLORITE SOLUTION

D.O.T. HAZARD CLASS: CORROSIVE MATERIAL

D.O.T. IDENTIFICATION # : UN1791

US Clean Water Act Reportable Quantity RQ 100 lbs. (45.4 kilos) .

VI Spill or Leak Procedures

Actions to be taken: Corrosive Material. Evacuate unprotected personnel from area. Maintain adequate ventilation. Use proper safety equipment. Contain spill, place into drums for proper disposal. Flush remaining area with water to remove trace residue and dispose of properly. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs.

Waste Disposal Method: Observe all local, state, and federal regulations. If approved, flush to sewer with large quantities of water. DO NOT pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition.

VII Reactivity Data

Stability: unstable **Conditions to Avoid:** Avoid temperatures above 70 Deg. F.

Incompatability: Ammonia. Organic materials. Acids. Reacts with acids to release poisonous Chlorine gas.

Hazardous Decomposition Products: Chlorine-containing gasses can be produced.

Hazardous Polymerization: Will not occur.

VIII Fire and Explosion Data

Flash Point: None **Flammable Limits** LEL: N.A. UEL: N.A.

Extinguishing Media: For fires in area use appropriate media. Examples: Water spray. Dry Chemical. Carbon Dioxide. Alcohol Foam.
Special Procedures: Evacuate area of unprotected personnel. Wear protective clothing including a NIOSH-Approved self-contained breathing apparatus. Cool fire-exposed containers with water spray.
Unusual Hazards: Chlorine-containing gases can be produced.

IX Physical Data

Boiling Point (deg. F): Not Estab.
Freezing Point (Deg. F.): Not Estab.
Vapor Pressure (MM HG): Not Estab.
Solubility in Water: Complete
Specific Gravity: 1.080
% Volatile by Volume: 100 %
Evaporation Rate (N.A.): N.A.

Appearance and Odor: Clear, Yellow liquid. Chlorine Odor.

DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH DATE PREPARED 9 / 17 / 92