Material Safety Data Sheet

Manufacturer's Name: Erbrich Products Company
Address: 1120 E. 32nd Street, Indianapolis, IN 46205
Signature of Person Responsible for Preparation: [Signature]
Date Prepared: 12/18/92

SECTION 1 - IDENTITY

Common Name: (used on label) Bleach - Sanitizer
Chemical Name: Sodium Hypochlorite
Formula: NaOCl

SECTION 2 - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Principal Hazardous Component (chemical &amp; common name)</th>
<th>%</th>
<th>Threshold Limit Value (units)</th>
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<tbody>
<tr>
<td>Sodium Hypochlorite</td>
<td>5.5%</td>
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SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

- Boiling Point: Approx. 212°F
- Specific Gravity (H₂O = 1): 1.079
- Vapor Pressure (mm Hg): Unknown
- Percent Volatile by Volume (%): Approx. 5%
- Vapor Density (Air = 1): Unknown
- Evaporation Rate: Less than one (1)
- Reactivity in Water: None
- Solubility in Water: Complete
- Appearance and Odor: Clear light yellow-green liquid with chlorine odor
- Flash Point: Nonflammable
- Flammable Limits in Air (% by Volume): N/A
- Lower Explosive Limit: N/A
- Upper Explosive Limit: N/A
- Extinguisher Media: N/A
- Auto-Ignition Temperature: N/A
- Special Fire Fighting Procedures: Wear self contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: Exposure to heat will increase decomposition into chlorine gas. Chlorine gas is an oxidizer and will support combustion.
SECTION 4 - PHYSICAL HAZARDS

Stability: Unstable
Conditions to Avoid: Direct sunlight or high temperature
Incompatibility: Materials to Avoid: Acids, ammonium products, organic materials or reducing agents.

Hazardous Decomposition Products: Chlorine Gas
Hazardous May Occur: Conditions
Polymerization: Will Not Occur

SECTION 5 - HEALTH HAZARDS

Threshold Limit Value:

Signs and Symptoms of Exposure:
1. Acute: Causes eye, skin or respiratory irritation
2. Chronic: Overexposure: May act as a sensitizer

Medical Conditions Generally Aggravated by Exposure:

Chemical Listed as Carcinogen or Potential Carcinogen:

Chemical Name:
National Toxicology Program: Yes □ No □
I.A.R.C. Monographs: Yes □ No □
OSHA: Yes □ No □

OSHA Permissible Exposure Limit:
ACGIH Threshold Limit Value: N/A
Other Exposure Limit Used: 1 ppm for chlorine

Emergency and First Aid Procedures:

1. Inhalation: Remove person to fresh air
2. Eyes: Wash copiously with water
3. Skin: Remove contaminated clothes, wash with water
4. Ingestion: Drink water or milk and obtain medical attention

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type):
NIOH Approved Respirator with acid canister

Ventilation:
Local Exhaust: N/A
Mechanical (General): N/A
Special: N/A
Other:

Protective Equipment:
Gloves: Rubber or Laxtex
Eye Protection: goggles

(Other Protective Clothing or Equipment):
None

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage:
Store in a cool, dry, well ventilated area in closed non-corrosive containers away from chemicals that react with bleach.

Other Precautions:

Steps to be Taken in Case Material is Released or Spilled:
Dilute with copious amounts of water and dilute bisulfites or ferrous salt solutions

Waste Disposal Methods:
Dilute with copious amounts of water, flush down sewer.

IMPORTANT
Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.