MATERIAL SAFETY DATA SHEET

Texas Correctional Industry
A division of the Texas Department of Criminal Justice

Date Issued: January 2008
Supersedes: July 2007

NFPA HAZARD RATING

4- SEVERE
3- SERIOUS
2- MODERATE
1- SLIGHT
0- INsignificant

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Glo-Brite**
General Use: Chlorinated laundry bleach
Manufacturer Name: Texas Correctional Industry
Soap & Detergent Plant
One Circle Drive
Sugar Land, Texas 77478

Emergency Telephone Numbers
Galveston Texas Poison Control: 1-800-764-7661
Soap & Detergent Plant Lab: 281-490-1111
MSDS available at: www.tci.tdcj.state.tx.us
Monday thru Thursday: 7 a.m. - 3 p.m.

SECTION 2 - HAZARDOUS INGREDIENT

<table>
<thead>
<tr>
<th>Chemical/Common Name</th>
<th>CAS No.</th>
<th>PERCENT</th>
<th>ACGIH/OSHA</th>
<th>WHMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>4 - 5</td>
<td>TWA 3 mg/m³</td>
<td>1%</td>
</tr>
<tr>
<td>Sodium Dichloroisocyanurate</td>
<td>28993-18-9</td>
<td>37 - 39</td>
<td>STEL 0.5 ppm</td>
<td>N/D</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>7758-29-4</td>
<td>48 - 49</td>
<td>TWA 5 mg/m³</td>
<td>N/D</td>
</tr>
</tbody>
</table>

N/A = Not Applicable  N/E = Not Established  N/D = Not Determined

Threshold Limit Values (TLV): TWA (time-weighted average for 8 hr. day); PEL (personal exposure limit)

WHMIS – minimum amount necessary in a mixture to trigger reporting: 1% (hazardous chemical); 0.1% (extremely hazardous chemical)

SECTION 3 - PHYSICAL PROPERTIES

Vapor Pressure: None
Specific Gravity (water = 1): N/A
Solubility in Water: Complete
pH (1% solution): 9 - 11
Boiling Point: N/A
Appearance and Odor: White to off white granular powder

SECTION 4 - FIRE AND HAZARD DATA

Flash Point (T.C.C.): Not flammable
Flammable Limit: N/A
Physical Hazard: Oxidizer potential
Extinguishing Media: Water, Foam, Dry Chemicals, or Carbon Dioxide.
Fire Extinguishing Procedure: Use of respiratory equipment is recommended in enclosed areas.
Fire and Explosive Hazard: The presence of a small amount of moisture in the presence of a high concentration of Sodium Dichloroisocyanurate can form an explosive mixture of Nitrogen Trichloride.
SECTION 5 - REACTIVE DATA

Hazardous Decomposition: Oxides of carbon, sulfur and generation of HCl gas
Stability: Stable
Incompatibility: With strong acids and oxidizing agents

SECTION 6 - HEALTH HAZARD

Primary Route of Exposure: Eyes, Skin, Oral, or Inhalation

Signs and Symptoms of Over Exposure (acute):
- Eyes: May cause eye irritation
- Skin: May cause redness or rash
- Ingestion: May cause gastrointestinal irritation
- Inhalation: May be an irritant to the respiratory tract

Signs and Symptoms of Over Exposure (chronic): Eye, skin, and respiratory tract irritation

Medical condition aggravated by over exposure: Not known

Carcinogen or suspect of carcinogen ingredients: Silicone Dioxide listed on NTP

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURE

Eyes: Flush with plenty of water until irritation subsides. If irritation persists, get medical attention.
Skin: Flush with large amount of water. Remove contaminated clothing and seek medical attention if irritation persists.
Ingestion: Rinse mouth thoroughly and drink plenty of water. Do not induce vomiting unless directed by physician.
Inhalation: Move patient to fresh air. Give artificial resuscitation (CPR) if patient is not breathing.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required with normal use
Ventilation Requirement: Local exhaust. Maintain adequate ventilation
Protective Gloves: Yes. Rubber or neoprene
Eye Protection: Goggles or glasses

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled: Sweep all materials practical for salvage or disposal. Rinse residue with water.
Waste disposal method: Any unsalvageable material must be disposed in compliance with local, state, and federal laws and regulations. Do not dump into sewers, on the ground, or into any bodies of water.

SECTION 10 - STORAGE AND HANDLING

- Store in a cool, dry, ventilated area. Do not store next to flammable or combustible materials. Do not store in aluminum containers- flammable hydrogen gas may be generated. Keep container sealed/closed when not in use. Observe local Building Codes and NFPA storage requirements for chlorinated compounds.
- Avoid breathing dust. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Avoid dust formation.