Material Safety Data Sheet

IDENTITY (As Used on Label and List)
SUNRISE BLEACH 5.25%

Section I —
Manufacturer's Name
SG-White Chemical Co., Inc.
Address (Number, Street, City, State, and ZIP Code)
1075 Plover Road
Plover, WI 54467

Emergency Telephone Number
715-344-4861

Telephone Number for Information
715-344-4861

Data Prepared
June 12, 1989

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Component(s) (Specific Chemical Identity, Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>NaOH (Sodium Hydroxide)</td>
<td>2mg/m³</td>
<td>2mg/m³</td>
<td></td>
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<tr>
<td>Cl₂ (Chlorine)</td>
<td>1ppm</td>
<td>3mg/m³</td>
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Formula: NaOCl 5.25% by Weight
Dot No.: UN 1791

PEL/TLV not listed for NaOCl

Section III — Physical/Chemical Characteristics

Boiling Point       110°C
Specific Gravity (H₂O = 1) 1.080

Vapor Pressure (mm Hg.)
N/A

Vapor Density (AIR = 1)
N/A

Solubility in Water
Complete

Appearance and Odor
Color: Light Yellow - Green
Odor: Pungent like chlorine

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)
Nonflammable

Flammable Limits
N/A

LEL
N/A
UEL
N/A

Extinguishing Media
Water

Special Fire Fighting Procedures
Avoid fumes from spilled or exposed liquid, dilute copiously, ventilate, and be prepared to use respiratory protection if needed.

Unusual Fire and Explosion Hazards
Bleach decomposes when heated; decomposition products may cause containers to rupture or explode. Vigorous reaction possible with organic materials or oxidizing agents; may result in fire.
Section V — Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Light exposure, decrease in pH, contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)
Avoid contamination with heavy metals, ammonia, acids, organics, reducing agents

Hazardous Decomposition or Byproducts
HOCl; Chlorine gas, NaCl, Sodium Chlorite, Oxygen gas

Hazardous Polymerization

<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
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<td></td>
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</table>

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation: Yes, Skin: Yes, Ingestion: Yes

Health Hazards (Acute and Chronic)
Acute: Irritating effects increase with exposure time.
Chronic: Constant irritant to eyes and throat.

Carcinogenicity: NTP?: No, IARC Monographs?: No
OSHA Regulated?: Yes

Signs and Symptoms of Exposure
Eyes red and sore; burning sensation on skin.

Medical Conditions Generally Aggravated by Exposure
Respiratory problems.

Emergency and First Aid Procedures
Remove from contaminated area; flush affected area with copious amounts of water. Ingestion - Drink water or milk, call physician immediately.

Section VII — Precautions for Safe Handling and Use
Steps to Be Taken in Case Material is Released or Spilled
Dilute with copious amounts of water, if not diluted may seriously affect aquatic life.

Waste Disposal Method
Reduce with chemicals (bisulfites or ferrous salts). Main end product is salt water. Some heat will be produced.

Precautions to Be Taken in Handling and Storing
Store in cool dry place; away from direct sunlight, and not adjacent to chemicals which may react with bleach if spillage occurs.

Other Precautions
As stated on labels, if shipped must comply with DOT.

Section VIII — Control Measures
Respiratory Protection (Specify Type)
Chlorine rated gas mask if used in large quantities in a closed location

Ventilation
Local Exhaust: None with normal usage Special N/A
Mechanical (General): None with normal usage Other N/A

Protective Gloves
Rubber or plastic Eye Protection: Goggles or face shield.

Other Protective Clothing or Equipment
Rubber apron or rubber shoes if spillage occurs. Safety shower|eye wash.

Work/ Hygienic Practices
Keep areas and floors clean.