1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Swisher Safe Brite

Product code: 42098-5
Reference number(s): 42098-15

UN/ID No: UN2984

Recommended Use: Liquid color Safe Bleach

Distributor:
Swisher Hygiene Inc.
4725 Piedmont Row Drive,
Suite 400,
Charlotte, NC 28210

Chemical Emergency Phone Number: 800-424-9300 (Chemtrec)

Company Emergency Phone Number: 800-444-4138

2. HAZARDS IDENTIFICATION

Emergency Overview:
Causes severe irritation or burns to skin and eyes.

Appearance: Clear Liquid
Physical state: liquid
Odor: none

Potential Health Effects

Acute toxicity:
- Eyes: Irritation and burns.
- Skin: Irritation and mild burns.
- Inhalation: Causes irritation
- Ingestion: May cause rapid evolution of gas and thus distention of esophagus or stomach, also irritation and burns.

Chronic Effects: No known effect based on information supplied

Aggravated Medical Conditions: None known.

Environmental hazard: See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
4. FIRST AID MEASURES

Eye contact  
Flush with flowing water for 15 minutes & see physician.

Skin contact  
Remove contaminated clothing. Flush skin with water. Wash clothing and shoes as soon as possible to reduce risk of fire. If irritation persists, see a physician.

Inhalation  
If irritation develops or difficulty in breathing remove victim to fresh air. Call physician immediately if irritation persists.

Ingestion  
Drink promptly, a large quantity of water. Seek immediate medical attention or contact poison control center.

Notes to physician  
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties  
Not flammable

Flash point  
Not determined.

Suitable Extinguishing Media  
Dry chemical, water mist, alcohol foam

Explosion Data  

Sensitivity to Mechanical Impact  
none

Sensitivity to Static Discharge  
none

Specific hazards arising from the chemical  
Oxidizer; evaporation may cause fire.

Protective Equipment and Precautions for Firefighters  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA  
Health Hazard 0  Flammability 0  Stability 0

HMIS  
Health Hazard 1  Flammability 0  Physical Hazard 1

6. ACCIDENTAL RELEASE MEASURES

Personal precautions  
Ensure adequate ventilation

Environmental precautions  
Try to prevent the material from entering drains or water courses

Methods for Containment  
Prevent further leakage or spillage if safe to do so

Methods for cleaning up  
Stop leak. Dilute spilled material with a large amount of water.

7. HANDLING AND STORAGE

Advice on safe handling  
KEEP OUT OF REACH OF CHILDREN Wash hands before eating. Keep container tightly closed when not in use

Technical measures/Storage conditions  
Store in cool dry place. Store away from incompatible materials Do not store in a dirty area or on wooden pallets
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
Review Section 3 & 4 for Exposure Guidelines.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>TWA: 1 ppm</td>
<td>TWA: 1 ppm, TWA: 1.4 mg/m³</td>
<td>IDLH: 75 ppm, TWA: 1 ppm, TWA: 1.4 mg/m³</td>
</tr>
</tbody>
</table>

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment Institutional Environment
Eye/Face Protection
Safety glasses are suggested when using this product in heavy use and institutional environments.

Consumer Environments
Care should be taken to avoid Eye contact.

Skin and body protection
Rubber gloves

Respiratory protection
Unnecessary in open institutional environment.

Hygiene measures
Practice good personal hygiene. Wash after handling.

Personal Protective Equipment Industrial Environment
Eye/Face Protection
Splash-proof chemical goggles or face shield.

Skin and body protection
Impervious rubber, alkali-proof protective gloves Impervious rubber boots & apron.

Respiratory protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures
Practice good personal hygiene. Wash after handling. Shower at end of work period
Practice good personal hygiene. Wash after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td>Odor</td>
<td>none</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear Liquid</td>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Color</td>
<td>clear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>5-6</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td></td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td></td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>&gt; 212 °F</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td></td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt; 1</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosion Limits</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>upper</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>lower</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Vapor density</td>
<td></td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.040</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>completely soluble</td>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>

Remarks Methods
No information available
10. STABILITY AND REACTIVITY

Stability
unstable

Incompatible products
Heavy metals or their salt, cyanides, chromium compounds, potassium permanganate, rust dirt, dust, iron, organic materials.

Conditions to Avoid
Heat

Hazardous Decomposition Products
Oxygen

Hazardous Polymerization
Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Ingestion may cause rapid evolution of gas and thus distention of esophagus or stomach. Causes irritation and burns to eyes and skin.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>801 mg/kg (Rat)</td>
<td>2000 mg/kg (Rabbit) 4060 mg/kg (Rat)</td>
<td>2 mg/L (Rat) 4 h</td>
</tr>
</tbody>
</table>

Chronic toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>A3</td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Target Organ Effects
None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Hydroperoxide 2.5: 72 h Chlorella vulgaris mg/L EC50

10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static 18 - 56: 96 h Lepomis macrochirus mg/L LC50 static 16.4: 96 h Pimephales promelas mg/L LC50

18 - 32: 48 h Daphnia magna mg/L EC50 Static 7.7: 24 h Daphnia magna mg/L EC50

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
Flush diluted material to sewer.

Contaminated packaging
Do not re-use empty containers

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>Toxic Corrosive Ignitable Reactive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

Note
Hydrogen peroxide, aqueous solutions with not less than 8 percent but less than 20 percent hydrogen peroxide (stabilized as necessary), 5.1, UN2984, PG III.

Dot
Regulated

Proper shipping name
Hydrogen peroxide, aqueous solutions with not less than 8 percent but less than 20 percent hydrogen peroxide (stabilized as necessary), 5.1, UN2984, PG III

Hazard class 5.1

UN/ID No UN2984

Packing Group III

TDG
Not regulated

MEX
Not regulated

ICAO
Not regulated

ICAO/IATA
Not regulated

IMDG / IMO
Not regulated

RID
Not regulated

ADR/RID
Not regulated

ADN
Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL</td>
<td>Complies</td>
</tr>
<tr>
<td>NDSL</td>
<td>Complies</td>
</tr>
<tr>
<td>EINECS</td>
<td>Complies</td>
</tr>
<tr>
<td>ELINCS</td>
<td>-</td>
</tr>
<tr>
<td>ENCS</td>
<td>Complies</td>
</tr>
<tr>
<td>IECSC</td>
<td>Complies</td>
</tr>
<tr>
<td>KECL</td>
<td>Complies</td>
</tr>
<tr>
<td>PICCS</td>
<td>Complies</td>
</tr>
</tbody>
</table>
### U.S. Federal Regulations

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**
- **Acute Health Hazard**
  - no
- **Chronic Health Hazard**
  - no
- **Fire Hazard**
  - no
- **Sudden Release of Pressure Hazard**
  - no
- **Reactive Hazard**
  - no

**Clean Water Act**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td></td>
<td>1000 lb</td>
<td></td>
</tr>
</tbody>
</table>

### U.S. State Regulations

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

### International Regulations

#### Chemical Name

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>A3</td>
<td>Mexico: TWA 1 ppm Mexico: TWA 1.5 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 2 ppm Mexico: STEL 3 mg/m³</td>
</tr>
</tbody>
</table>

Canada
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Prepared By Swisher Hygiene Inc.
4725 Piedmont Row Drive
Suite 400
Charlotte, NC 28210

Issuing date 17-Oct-2011
Revision Date 17-Oct-2011
Revision Note No information available

Disclaimer
The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet