1. Product and Company Identification

Material name: Safeguard Foaming Hand Soap
Product Code: 99514305
Version #: 03
Revision date: 11-01-2010
Manufacturer: Procter & Gamble Professional
Address:
2 P&G Plaza
Cincinnati
Ohio
45202
US
P&G Telephone Number: 1-800-332-7787
Emergency 24-hr Telephone #: CHEMTREC 1-800-424-9300

2. Hazards Identification

Potential health effects
- **Routes of exposure**
  - Ingestion. Inhalation. Skin contact. Eye contact.
- **Eyes**
  - Health injuries are not known or expected under normal use. Accidental exposure to the eyes may produce a mild but transient irritation.
- **Skin**
  - Health injuries are not known or expected under normal use. Substance does not generally irritate and is only mildly irritating to the skin.
- **Inhalation**
  - Health injuries are not known or expected under normal use.
- **Ingestion**
  - Health injuries are not known or expected under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Potential environmental effects
- Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First Aid Measures

First aid procedures
- **Eye contact**
  - Immediately rinse with water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.
- **Skin contact**
  - Rinse with water if prolonged contact occurs.
- **Inhalation**
  - Move to fresh air. Call a physician if symptoms develop or persist.
- **Ingestion**
  - Drink 1 or 2 glasses of water. Get medical attention if any discomfort continues.

5. Fire Fighting Measures

Environmental precautions: Prevent further leakage or spillage if safe to do so.
Extinguishing media
- Suitable extinguishing media
Protection of firefighters
- Protective equipment and precautions for firefighters
  - Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
6. Accidental Release Measures

Personal precautions
Keep unnecessary personnel away. Wear suitable protective clothing.

Environmental precautions
Prevent further leakage or spillage if safe to do so.

Clean-up methods and materials and containment measures
In case of spills, beware of slippery floors and surfaces. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

7. Handling and Storage

Handling
Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of reach of children.

Storage
Store in a cool and well-ventilated place. Keep from freezing.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,3-PROPANETRIOL</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,3-PROPANETRIOL</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

Engineering controls
Provide adequate ventilation.

Personal protective equipment

Eye / face protection
Not normally needed.

Skin protection
Not normally needed.

Respiratory protection
Not normally needed.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Color
Light pink.

Odor
Scented

Odor threshold
Not available.

Physical state
Liquid.

pH
5 - 6

Melting point
Not available.

Freezing point
Not available.

Boiling point
>= 200 °F (>= 93.3 °C)

Flash point
>= 201 °F (>= 93.9 °C)

Evaporation rate
Not available.

Vapor pressure
Not available.

Specific gravity
0.91

Solubility (water)
Complete

Partition coefficient (n-octanol/water)
Not available

VOC
Not available.

Percent volatile
91.57 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability
This is a stable material.

Conditions to avoid
None known.
11. Toxicological Information

### Toxicological data

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,3-PROPANETRIOL (56-81-5)</td>
<td>Acute Oral LD50 Rat: &gt;= 2 g/kg</td>
</tr>
</tbody>
</table>

- **Sensitization**: Not available.
- **Chronic effects**: Not available.
- **Skin corrosion/irritation**: Not available.

12. Ecological Information

**Environmental effects**

Based on ecotoxicity and fate data for the individual ingredients in this specific formulation, and for related consumer household cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed of directly into the environment.

13. Disposal Considerations

**Disposal instructions**

This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

14. Transport Information

**DOT**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

15. Regulatory Information

**US federal regulations**

FDA-regulated products are not subject to TSCA.

**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

- **Hazard categories**
  - Immediate Hazard - Yes
  - Delayed Hazard - Yes
  - Fire Hazard - No
  - Pressure Hazard - No
  - Reactivity Hazard - No

- **Section 302 extremely hazardous substance**: No

- **Section 311 hazardous chemical**: No

**State regulations**

**ILLRTK**

Contains no Illinois Right To Know toxic substances.

**US - Massachusetts RTK - Substance: Listed substance**

| 1,2,3-PROPANETRIOL (CAS 56-81-5) | LISTED |

**US - New Jersey RTK - Special Hazard: Listed substance**

Contains no New Jersey Right To Know special hazards.
US - New Jersey RTK - Substances: Listed substance
Contains no New Jersey Right To Know Substances

US - Pennsylvania RTK - Hazardous Substances: Listed substance
1,2,3-PROPANETRIOL (CAS 56-81-5) LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance
1,2,3-PROPANETRIOL (CAS 56-81-5) LISTED

Canadian regulations
All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Inventory Status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

HMIS® ratings
Health: 1*
Flammability: 1
Physical hazard: 0

NFPA ratings
Health: 1
Flammability: 1
Instability: 0

Disclaimer
This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company’s knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.