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.


Protection of 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 (56-81-5)</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 (56-81-5)</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.
Hazardous decomposition products
No hazardous decomposition products are known.

Hazardous polymerization
Will not occur.

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.