

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Safeguard Foaming Hand Soap
Product Code 99514305
Version # 03
Revision date 11-01-2010
Manufacturer Address Procter & Gamble Professional
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

Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

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

Components	Type	Value	Form
1,2,3-PROPANETRIOL (56-81-5)	TWA	10 mg/m ³	Mist.

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

Components	Type	Value	Form
1,2,3-PROPANETRIOL (56-81-5)	PEL	15 mg/m ³	Total dust.
		5 mg/m ³	Respirable fraction.

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

Components	Test Results
1,2,3-PROPANETRIOL (56-81-5)	Acute Oral LD50 Rat: >= 2 g/kg
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.
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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.
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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.
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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
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Section 302 extremely hazardous substance	No
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Section 311 hazardous chemical	No
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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

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*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.