

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **Pacific Garden® Antimicrobial Foam Soap, Pacific Citrus® Mandarin, Triclosan-Free**  
**Product list** Pacific Garden® Antimicrobial Foam Soap, Pacific Citrus®, Mandarin, Triclocan-Free SKU 43821  
**Other means of identification** None.  
**Recommended use** Antimicrobial Hand Soap  
**Recommended restrictions** This product is regulated as an Over-the-Counter (OTC) drug in the US and is intended for personal care use.

### Manufacturer/Importer/Supplier/Distributor information

**Company name** Manufactured for:  
**Address** Georgia-Pacific Consumer Products LP  
 133 Peachtree Street, NE  
 Atlanta, GA 30303  
**Telephone** Technical Information: 866.435.5647  
 SDS Request: 404.652.5119  
**E-mail** MSDSREQ@GAPAC.com  
**Emergency phone number** Chemtrec - Emergency: 800.424.9300

## 2. Hazard(s) identification

**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Hazardous to the aquatic environment, acute Category 3 hazard  
**OSHA defined hazards** Not classified.  
**Label elements**  
**Hazard symbol** None.  
**Signal word** None.  
**Hazard statement** Harmful to aquatic life.  
**Precautionary statement**  
**Prevention** Wash hands thoroughly after handling. Avoid release to the environment.  
**Response** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
**Storage** Store away from incompatible materials.  
**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
LAURAMINE OXIDE		1643-20-5	1 - < 2
COCAMIDOPROPYL BETAINE		61789-40-0	0.9 - < 2
BENZALKONIUM CHLORIDE		63449-41-2	0.1 - < 0.2
BENZALKONIUM CHLORIDE		68391-01-5	0.1 - < 0.2
Other components below reportable levels			97 - < 98

**Composition comments** \* Fragrance Added

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with plenty of water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Do not induce vomiting without advice from poison control center. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Powder, water spray, foam, carbon dioxide.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Firefighters should wear full protective clothing including self-contained breathing apparatus.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	This product is not expected to burn unless all water is boiled away. The remaining organic compounds may be ignitable. Use water to cool containers exposed to fire.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Wear appropriate protective equipment and clothing during clean-up. Use personal protection recommended in Section 8. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Spills of this material are a slipping hazard.
<b>Methods and materials for containment and cleaning up</b>	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid release to the environment. If large quantities enter a waterway, advise local authorities.

## 7. Handling and storage

<b>Precautions for safe handling</b>	For external use only. Keep out of the reach of children. Do not get this material in contact with eyes. Wear gloves and safety glasses or goggles if handling large quantities. Provide adequate ventilation. Avoid release to the environment.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	General ventilation normally adequate.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.

<b>Skin protection</b>	
<b>Hand protection</b>	None necessary under normal conditions of use. Wear appropriate gloves if handling large quantities.
<b>Other</b>	None necessary under normal conditions of use.
<b>Respiratory protection</b>	Under normal conditions of use respiratory protection is not expected to be required.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Clear, Colorless
<b>Odor</b>	Fragrance Free
<b>Odor threshold</b>	Not available.
<b>pH</b>	6.5 - 7.5
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.

### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.

<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.

### Solubility(ies)

<b>Solubility (water)</b>	Water Soluble
<b>Partition coefficient (n-octanol/water)</b>	Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

### Other information

**Density** 1.01 g/ml

## 10. Stability and reactivity

**Reactivity** Heat. Incompatible materials.

**Chemical stability** Material is stable under normal conditions.

**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Contact with incompatible materials.

**Incompatible materials** Strong oxidizing agents.

**Hazardous decomposition products** Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide and hydrocarbons may be released.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No effects expected under normal conditions of use.
<b>Skin contact</b>	No effects expected under normal conditions of use. Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

### Symptoms related to the physical, chemical and toxicological characteristics

Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

**Acute toxicity** Not known.

Product	Species	Test Results
Pacific Garden® Antimicrobial Foam Soap, Pacific Citrus® Mandarin, Triclosan-Free		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	8320 g/kg estimated
	Rat	87719 mg/kg, 24 hours estimated
<b>Oral</b>		
LD50	Mouse	44000 g/kg estimated
	Rat	56372 mg/kg estimated

Components	Species	Test Results
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BENZALKONIUM CHLORIDE (CAS 63449-41-2)

#### **Acute**

##### **Oral**

LC50 Rat 850 mg/kg

COCAMIDOPROPYL BETAINE (CAS 61789-40-0)

#### **Acute**

##### **Dermal**

LD50 Rat > 2000 mg/kg OECD SIDS

##### **Oral**

LD50 Rat > 5000 mg/kg OECD SIDS

LAURAMINE OXIDE (CAS 1643-20-5)

#### **Acute**

##### **Dermal**

LD50 Rat > 2000 mg/kg, 24 hours

##### **Oral**

LD50 Rat 1064 mg/kg, 14 days

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

### Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** Not hazardous under normal conditions of use.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not an aspiration hazard.

**12. Ecological information****Ecotoxicity** Harmful to aquatic life.

Product	Species	Test Results
Pacific Garden® Antimicrobial Foam Soap, Pacific Citrus® Mandarin, Triclosan-Free		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50	Fish
		22.7224 mg/l, 96 hours estimated
Components	Species	Test Results
BENZALKONIUM CHLORIDE (CAS 63449-41-2)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50	Fish
		0.28 mg/l, 96 hours
BENZALKONIUM CHLORIDE (CAS 68391-01-5)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50	Fish
		0.28 mg/l, 96 hours
COCAMIDOPROPYL BETAINE (CAS 61789-40-0)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50	Fish
		0.28 - 2.8 mg/l, 96 Hours
<i>Chronic</i>		
Fish	NOEC	Rainbow trout,donaldson trout (Oncorhynchus mykiss)
		16 mg/l, 28 days
LAURAMINE OXIDE (CAS 1643-20-5)		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50	Fish
		10.5 - 32 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**13. Disposal considerations**

<b>Disposal instructions</b>	This product, if discarded, is not considered a hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. If processing, use, or contamination alters the material, the waste must be tested using methods described in 40 CFR 261 to determine if it meets applicable definitions of hazardous wastes.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty packaging/container can be disposed in accordance with all applicable regulations.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

**US federal regulations** SDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200). This product is regulated under the US Federal Food, Drug, and Cosmetic Act.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

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

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

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** No

### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

### US state regulations

#### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## 16. Other information, including date of preparation or last revision

**Issue date** May-09-2017

**Version #** 01

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

**NFPA ratings**

Health: 0  
Flammability: 0  
Instability: 0

**Disclaimer**

This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled, or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors, and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.