

## 1. Product and Company Identification

<b>Material name</b>	<b>Pacific Garden® Antimicrobial Foam Soap</b>		
<b>Product use</b>	Hand cleanser		
<b>Product list</b>			
	Pacific Garden® Antimicrobial Foam Soap	Dye Free, Fragrance Free	SKU - 43815
	Pacific Garden® Antimicrobial Foam Soap	Pacific Citrus™, Mandarin	SKU - 43816
<b>Manufacturer information</b>	Georgia-Pacific Consumer Products LP 133 Peachtree Street, NE Atlanta, GA 3030 MSDS Request 404.652.5119 Technical Information 866.435.5647 Chemtrec - Emergency 800.424.9300		

## 2. Hazards Identification

<b>Emergency overview</b>	Contact with product may cause irritation to eyes and skin.
<b>Target organs</b>	Eye contact
<b>Potential health effects</b>	
<b>Eyes</b>	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production.
<b>Skin</b>	Prolonged and/or repeated skin contact with this product may cause irritation.
<b>Inhalation</b>	Not applicable under normal conditions of use.
<b>Ingestion</b>	Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent/Wt
WATER	7732-18-5	60 - 100
SODIUM CUMENE SULFONATE	28348-53-0	3 - 7
ETHANOL	64-17-5	0.1 - 1

**Composition comments** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication Standard).

## 4. First Aid Measures

<b>First aid procedures</b>	
<b>Eye contact</b>	In case of eye contact flush eyes with plenty of water. Seek medical attention if irritation persists.
<b>Skin contact</b>	If irritation occurs, flush skin with plenty of water. Seek medical attention if irritation persists.
<b>Inhalation</b>	Not a normal route of exposure.
<b>Ingestion</b>	If ingested, seek medical attention or call poison control.

## 5. Fire Fighting Measures

<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Powder, water spray, foam, carbon dioxide.
<b>Protection of firefighters</b>	
<b>Protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.

<b>Explosion data</b>	
<b>Sensitivity to static discharge</b>	Not applicable.
<b>Sensitivity to mechanical impact</b>	Not applicable.
<b>Hazardous combustion products</b>	Small amounts of oxides: nitrogen, sulfur and carbon along with hydrocarbon and aldehydes may be released.

## 6. Accidental Release Measures

<b>Personal precautions</b>	Use personal protection recommended in Section 8. Spills of this material may become a slipping hazard.
<b>Environmental precautions</b>	If large quantities enter a waterway, advise local authorities.
<b>Methods for containment</b>	Contain and/or absorb spill, then place in a suitable container.
<b>Methods for cleaning up</b>	Soak into absorbent material. Spills of this material may become a slipping hazard. Thoroughly wash the area with water after a spill or leak.

## 7. Handling and Storage

<b>Handling</b>	For external use only. Keep out of the reach of children. Avoid contact with the eyes. Wear gloves and safety glasses or goggles if handling large quantities.
<b>Storage</b>	Keep container tightly closed.

## 8. Exposure Controls / Personal Protection

### SODIUM CUMENE SULFONATE (CAS # 28348-53-0)

	TWA	STEL	Ceiling
<b>ACGIH</b>	Not established	Not established	Not established
<b>OSHA</b>	Not established	Not established	Not established

### ETHANOL (CAS # 64-17-5)

	TWA	STEL	Ceiling
<b>ACGIH</b>	Not established	1000 ppm	Not established
<b>OSHA</b>	1000 ppm TWA; 1900 mg/m3 TWA	Not established	Not established

### Personal protective equipment

<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>	None necessary under normal conditions of use. Wear gloves if handling large quantities.
<b>Respiratory protection</b>	Not normally needed.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Viscous.
<b>Physical State</b>	Not available
<b>Color</b>	SKU - 43815 Dye Free SKU - 43816 Mandarin
<b>Odor</b>	SKU - 43815 Fragrance Free SKU - 43816 Pacific Citrus™
<b>Odor threshold</b>	Not available
<b>pH</b>	5.1 - 5.5
<b>Melting point</b>	Not applicable
<b>Freezing point</b>	Not available
<b>Boiling point</b>	Not available
<b>Flash point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flammability</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available

<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	1.025 gm/mL @ 20°C
<b>Relative density</b>	Not available
<b>Solubility (water)</b>	Complete
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not available

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable at normal conditions.
<b>Conditions of Reactivity</b>	Heat. Incompatible materials.
<b>Incompatible materials</b>	Oxidizers
<b>Hazardous decomposition products</b>	Small amounts of oxides of nitrogen, sulfur carbon, and hydrocarbons along with aldehydes may be released.

## 11. Toxicological Information

<b>Sensitization</b>	
<b>Chronic effects</b>	Not hazardous by OSHA/WHMIS criteria.
<b>Carcinogenicity</b>	Not hazardous by OSHA/WHMIS criteria.

### ETHANOL (CAS # 64-17-5)

ACGIH - Threshold Limit Values - Carcinogens

A3 - Confirmed Animal Carcinogen with Unknown Humans

IARC - Group 1 (Carcinogenic to Humans)

Monograph 96 [in preparation] (in alcoholic beverage)

U.S. - OSHA - Hazard Communication Carcinogens

Present

<b>Mutagenicity</b>	Not available
<b>Reproductive effects</b>	Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause reproductive/developmental and central nervous system effects, and liver disorders.
<b>Teratogenicity</b>	Not available
<b>Synergistic materials</b>	Not available

## 12. Ecological Information

<b>Ecotoxicity</b>	No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.
--------------------	--

### ETHANOL (CAS # 64-17-5)

Ecotoxicity - Freshwater Fish Species Data

96 Hr LC50 *Oncorhynchus mykiss*: 12.0-16.0 ml  
LC50 *Pimephales promelas*: >100 mg/L [static];  
*Pimephales promelas*: 13400-15100 mg/L [flow-t

### SODIUM CUMENE SULFONATE (CAS # 28348-53-0)

Ecotoxicity - Freshwater Algae Data

72 Hr EC50 *Desmodesmus subspicatus*: >1000

## 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.
------------------------------	---

## 14. Transport Information

### Department of Transportation (DOT) Requirements

This product is not regulated as a hazardous material by the United States (DOT) transportation regulations.

### Canadian Transportation of Dangerous Goods (TDG) Requirements

Not regulated as dangerous goods.

## 15. Regulatory Information

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

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. This product is regulated under Canada's Food & Drug Act.

**ETHANOL (CAS # 64-17-5)**

Canada - WHMIS - Ingredient Disclosure List

0.1 %

## 16. Other Information

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

**NFPA ratings** Health: 0  
Flammability: 0  
Instability: 0

**Effective Date** 01-Sep-2010

**Prepared by** Georgia-Pacific LLC  
404.652.5119