

1. Product and Company Identification

Material name	Pacific Garden® Gentle Foam Soap, Pacific Citrus™, Mandarin		
Product use	Hand cleanser		
Product list	Pacific Garden® Gentle Foam Soap	Pacific Citrus™, Mandarin	SKU - 43712
Manufacturer information	Manufactured for: 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

Emergency overview	Contact with product may cause irritation to the eyes.
Target organs	Eye contact
Potential health effects	
Eyes	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production.
Skin	Not expected to be a primary skin irritant. Prolonged and/or repeated skin contact with this product may cause irritation.
Inhalation	Not applicable under normal conditions of use.
Ingestion	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 LAURETH SULFATE	9004-82-4	1 - 5
GLYCERIN	56-81-5	1 - 5
ETHANOL	64-17-5	0.5 - 1.5

4. First Aid Measures

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

5. Fire Fighting Measures

Extinguishing media	
Suitable extinguishing media	Powder, water spray, foam, carbon dioxide.
Protection of firefighters	
Protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Explosion data	
Sensitivity to static discharge	Not applicable.

Sensitivity to mechanical impact Not applicable.

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

6. Accidental Release Measures

Personal precautions Use personal protection recommended in Section 8. Spills of this material are a slipping hazard.

Environmental precautions If large quantities enter a waterway, advise local authorities.

Methods for containment Contain and/or absorb spill, then place in a suitable container.

Methods for cleaning up Soak into absorbent material. Spills of this material are a slipping hazard. Thoroughly wash the area with water after a spill or leak.

7. Handling and Storage

Handling 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.

Storage Keep container tightly closed.

8. Exposure Controls / Personal Protection

SODIUM LAURETH SULFATE (CAS # 9004-82-4)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

GLYCERIN (CAS # 56-81-5)

	TWA	STEL	Ceiling
ACGIH	10 mg/m ³ TWA	Not established	Not established
OSHA	15 mg/m ³ TWA total; 5 mg/m ³ TWA (respirable fraction)	Not established	Not established

ETHANOL (CAS # 64-17-5)

	TWA	STEL	Ceiling
ACGIH	Not established	1000 ppm	Not established
OSHA	1000 ppm TWA; 1900 mg/m ³ TWA	Not established	Not established

Personal protective equipment

Eye / face protection None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.

Skin protection None necessary under normal conditions of use. Wear gloves if handling large quantities.

Respiratory protection Not normally needed.

9. Physical & Chemical Properties

Appearance Viscous.

Physical State Not available

Color Pacific Citrus™ Mandarin

Odor Pacific Citrus™

Odor threshold Not available

pH 5.5

Melting point Not available

Freezing point Not available

Boiling point Not available

Flash point Not available

Evaporation rate Not available

Flammability Not available.

Flammability limits in air, upper, % by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	1.004
Relative density	Not available
Solubility (water)	Not available
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions of Reactivity	Heat. Incompatible materials.
Incompatible materials	Oxidizers
Hazardous decomposition products	Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide, acrolein, and hydrocarbons may be released.

11. Toxicological Information

Chronic effects	Not hazardous by OSHA/WHMIS criteria.	
Carcinogenicity	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
Mutagenicity	Not available	
Reproductive effects	Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause reproductive/developmental and central nervous system effects, and liver disorders.	
Teratogenicity	Not available	
Synergistic materials	Not available	
Irritancy	The product was evaluated for dermal irritation and was predicted to be a non-irritant to human skin.	

12. Ecological Information

Ecotoxicity	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 <i>Oncorhynchus mykiss</i> : 12.0-16.0 ml/L LC50 <i>Pimephales promelas</i> : >100 mg/L [static]; <i>Pimephales promelas</i> : 13400-15100 mg/L [flow-through]
GLYCERIN (CAS # 56-81-5)		
Ecotoxicity - Freshwater Fish Species Data		96 Hr LC50 <i>Oncorhynchus mykiss</i> : 51-57 ml/L [static]

13. Disposal Considerations

Disposal instructions	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

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

Disclaimer

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Georgia-Pacific and its subsidiaries make no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Georgia-Pacific and its subsidiaries will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

Effective Date

17-Sep-2010

Prepared by

Georgia-Pacific LLC
404.652.5119