

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Pacific Garden® Foam Hand Sanitizer, Dye Free, Fragrance Free

Product use Hand Sanitizer

Product list

Pacific Garden® Foam Hand Sanitizer, Dye Free, Fragrance Free	1000 mL	SKU - 43331
Pacific Garden® Foam Hand Sanitizer, Dye Free, Fragrance Free	45 mL	SKU - 48003
Pacific Garden® Automated Foam Hand Sanitizer, Fragrance Free, Dye Free	950 mL	SKU - 43332
Pacific Garden® Foam Hand Sanitizer	2/800mL	SKU - 7633100

Manufacturer information Manufactured for:
Georgia-Pacific Consumer Products LP
133 Peachtree Street, NE
Atlanta, GA 30303
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 eyes and skin.

Target organs Eyes

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. Skin contact with this product may cause irritation.
Inhalation	Not applicable under normal conditions of use.
Ingestion	Not applicable under normal conditions of use. Product is denatured as a deterrent to ingestion. May cause gastrointestinal irritation if ingested.

3. Composition / Information on Ingredients

Components	CAS #	Percent/Wt	Percent/Vol
ETHYL ALCOHOL	64-17-5	53 - 62	60 - 70
WATER	7732-18-5	36	

4. First Aid Measures

First aid procedures

Eye contact	Immediately flush eye(s) with plenty of water. If irritation persists, seek medical attention.
Skin contact	Stop use if irritation or redness develops. Seek medical attention if irritation persists more than 72 hours.
Inhalation	Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if irritation persists.
Ingestion	If ingested seek medical attention or call a poison control center.

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media	Powder, water spray, foam, carbon dioxide.
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Protection of firefighters

Protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
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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, and hydrocarbons may be released.

6. Accidental Release Measures

Personal precautions Use personal protection recommended in Section 8. Isolate area. Keep unnecessary personnel away from the release. Remove all sources of ignition.

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 may become a slipping hazard. Thoroughly wash the area with water after a spill or leak.

7. Handling and Storage

Handling Keep away from heat and sources of ignition. For external use only. Keep out of the reach of children. Children should use only with adult supervision. Avoid contact with the eyes. Wear gloves and safety glasses or goggles if handling large quantities.

Storage Keep away from children. Keep container tightly closed. Keep at temperatures below 49 °C (120°F).

8. Exposure Controls / Personal Protection**Exposure limits****ETHYL ALCOHOL (CAS # 64-17-5)**

	TWA	STEL	Ceiling
ACGIH	Not established	1000 ppm	Not established
OSHA	1000 ppm	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 Clear transparent liquid

Physical State Not available

Color Colorless

Odor Alcohol

Odor threshold Not available

pH 6 - 8

Melting point Not available

Freezing point Not available

Boiling point Not available

Flash point 62.6 °F (17 °C)

Evaporation rate Not applicable

Flammability Flammable IB

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	0.89 - 0.9
Relative density	Not available
Solubility (water)	Soluble
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. Acids. Chlorine. Metals.
Hazardous decomposition products	Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide and hydrocarbons may be released.

11. Toxicological Information

Toxicological information	No toxicological data available for this product. Toxicological information for components of this product is listed below.
Irritancy	Product may cause eye and skin irritation.
Carcinogenicity	Not hazardous under normal conditions of use.

IARC Monographs Overall Evaluation of Carcinogenicity

ETHYL ALCOHOL (CAS 64-17-5)

Group 1 Carcinogenic to humans. Volume 96, Volume 100E

Chronic effects	Chronic toxic effects are unlikely under normal conditions of use.
Mutagenicity	Not hazardous under normal conditions of use.
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.

12. Ecological Information

Ecotoxicological data

Components	Test Results
ETHYL ALCOHOL (64-17-5)	EC50 Daphnia: 11744.5 mg/L 48.00 Hours
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.

13. Disposal Considerations

Disposal instructions	This product, if discarded as supplied, is considered a hazardous waste under RCRA, D001.
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14. Transport Information

General	<p>DOT CLASSIFICATION</p> <p>ORM-D (Ground/Rail Transport)</p> <p>Flammable liquids n.o.s (Contains ethyl alcohol) Class 3; UN1993; PG II (Air Transport)</p> <p>TDG CLASSIFICATION</p> <p>Limited Quantity (Ground/Rail Transport)</p> <p>Flammable liquids n.o.s (Contains ethyl alcohol) Class 3; UN1993; PG II (Air Transport)</p>
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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.
California	Prop 65: This product contains a chemical known to the state of California to cause cancer.

Regulatory information	Mexican Regulations: This product is in compliance with the Standard NOM-141-SSA1-1995.	
Canada DSL Inventory: Registration Status		
	ETHYL ALCOHOL (CAS 64-17-5)	Listed.
US TSCA Inventory: Registration Status		
	ETHYL ALCOHOL (CAS 64-17-5)	Listed.
16. Other Information		
HMIS® ratings	Health: 1 Flammability: 3 Physical hazard: 0	
NFPA ratings	Health: 1 Flammability: 3 Instability: 0	
Disclaimer	<p>IMPORTANT: 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.</p>	
Effective Date	21-Mar-2013	