

## 1. Product and Company Identification

<b>Material name</b>	<b>Pacific Garden® Foam Hand Sanitizer, Dye Free, Fragrance Free</b>		
<b>Product use</b>	Hand Sanitizer		
<b>Product list</b>			
	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
<b>Manufacturer information</b>	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

<b>Emergency overview</b>	Contact with product may cause irritation to eyes and skin.
<b>Target organs</b>	Eyes
<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	Percent/Vol
ETHYL ALCOHOL	64-17-5	62	70
WATER	7732-18-5	36	

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

Meets Alcohol Requirements stated in FDA Tentative Final Monograph for OTC Healthcare Antiseptic Drug Products – 21 CFR Part 333.410 (a).

## 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. If symptoms develop, remove to fresh air. Get medical attention if irritation persists.
<b>Ingestion</b>	If ingested seek medical attention or call a poison control center.

## 5. Fire Fighting Measures

<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	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, 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. 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.

## 8. Exposure Controls / Personal Protection

### ETHYL ALCOHOL (CAS # 64-17-5)

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

Clear transparent liquid

### Color

Colorless

### Odor

Alcohol

### Odor threshold

Not available

### Physical state

Liquid.

### 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	0.897
Relative density	Not available
Solubility (water)	Complete
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.

### Toxicological information (Ingredients)

#### ETHYL ALCOHOL (CAS # 64-17-5)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 7060 mg/kg

<b>Irritancy</b>	Product may cause eye and skin irritation.
<b>Chronic effects</b>	Chronic toxic effects are unlikely under normal conditions of use.
<b>Carcinogenicity</b>	Not hazardous under normal conditions of use.

#### ETHYL ALCOHOL (CAS # 64-17-5)

IARC - Group 1 (Carcinogenic to Humans)

Monograph 96 [2007] (in alcoholic beverages)

U.S. - OSHA - Hazard Communication Carcinogens

Present

<b>Mutagenicity</b>	Not hazardous under normal conditions of use.
<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

**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.

#### ETHYL ALCOHOL (CAS # 64-17-5)

Ecotoxicity - Freshwater Fish Species Data

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

## 13. Disposal Considerations

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

## 14. Transport Information

<b>General</b>	<p>DOT CLASSIFICATION ORM-D (Ground/Rail Transport) Flammable liquids n.o.s (Contains ethyl alcohol) Class 3; UN1993; PG II (Air Transport)</p> <p>TDG CLASSIFICATION Limited Quantity (Ground/Rail Transport) Flammable liquids n.o.s (Contains ethyl alcohol) Class 3; UN1993; PG II (Air Transport)</p>
----------------	--

## 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.

**ETHYL ALCOHOL (CAS # 64-17-5)**

Canada - WHMIS - Ingredient Disclosure List

0.1 %

**16. Other Information****HMIS® ratings**

Health: 1  
Flammability: 3  
Physical hazard: 0

**NFPA ratings**

Health: 1  
Flammability: 3  
Instability: 0

**Disclaimer**

**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.

**Effective Date**

11-Sep-2009

**Prepared by**

Georgia-Pacific LLC  
404.652.5119