

## 1. Identification

<b>Product identifier</b>	<b>Pacific Garden® Head &amp; Body Shampoo</b>
<b>Product list</b>	Pacific Garden® Head & Body SKU - 43023
<b>Other means of identification</b>	None.
<b>Recommended use</b>	Head & Body Shampoo
<b>Recommended restrictions</b>	This product is regulated as a cosmetic in Canada, and is intended for personal care use
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer</b>	
<b>Company name</b>	Manufactured for: Georgia-Pacific Consumer Products LP
<b>Address</b>	133 Peachtree Steet, NE Atlanta, GA 30303
<b>Telephone</b>	Technical Information: 866.435.5647 (M)SDS Request: 404.652.5119
<b>E-mail</b>	MSDSREQ@GAPAC.com
<b>Emergency phone number</b>	Chemtrec - Emergency: 800.424.9300
<b>Importer/Supplier/Distributor</b>	Not applicable.

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Eye irritation	Category 2A
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 3

### Label elements



<b>Signal word</b>	Warning
<b>Hazard statement</b>	Causes serious eye irritation. Harmful to aquatic life.
<b>Precautionary statement</b>	
<b>Prevention</b>	Wear eye/face protection, if handling large quantities. Wash thoroughly after handling large quantities.
<b>Response</b>	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.
<b>Storage</b>	Store away from strong oxidizers.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Other hazards</b>	None known.
<b>Supplemental information</b>	None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
WATER		7732-18-5	60 - 80
SODIUM LAURETH SULFATE		9004-82-4	5 - 10
SODIUM CHLORIDE		7647-14-5	3 - 7

Chemical name	Common name and synonyms	CAS number	%
COCAMIDOPROPYL BETAINE		61789-40-0	1 - 5
ETHANOL		64-17-5	1 - 5
GLYCERIN		56-81-5	1 - 5
1,3-DIHYDROXYMETHYL-5,5-DIMETHYLDANTOIN		6440-58-0	0.1 - 1
Alcohols, C12-15, ethoxylated		68131-39-5	0.1 - 1
Other components below reportable levels			3 - 7

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**Composition comments** Refer to product label for active ingredient content.

#### 4. First-aid measures

<b>Inhalation</b>	Not a normal route of exposure. If symptoms develop, remove to fresh air. Get 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>Eye contact</b>	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.
<b>Ingestion</b>	Rinse mouth. 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>	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<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>	None known.
<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. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. 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. Prevent product from entering drains. 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.
<b>Environmental precautions</b>	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. If large quantities enter a waterway, advise local authorities.

## 7. Handling and storage

**Precautions for safe handling** 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. Avoid prolonged exposure. Provide adequate ventilation. Avoid release to the environment.

**Conditions for safe storage, including any incompatibilities** Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value	Form
ETHANOL (CAS 64-17-5)	TWA	1880 mg/m <sup>3</sup>	
		1000 ppm	
GLYCERIN (CAS 56-81-5)	TWA	10 mg/m <sup>3</sup>	Mist.

#### Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
ETHANOL (CAS 64-17-5)	STEL	1000 ppm	
GLYCERIN (CAS 56-81-5)	TWA	3 mg/m <sup>3</sup>	Respirable mist.
		10 mg/m <sup>3</sup>	Mist.

#### Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm

#### Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
ETHANOL (CAS 64-17-5)	STEL	1000 ppm	
GLYCERIN (CAS 56-81-5)	TWA	10 mg/m <sup>3</sup>	Mist.

#### Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

Components	Type	Value	Form
ETHANOL (CAS 64-17-5)	TWA	1880 mg/m <sup>3</sup>	
		1000 ppm	
GLYCERIN (CAS 56-81-5)	TWA	10 mg/m <sup>3</sup>	Mist.

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls** General ventilation normally adequate.

### Individual protection measures, such as personal protective equipment

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

#### Skin protection

**Hand protection** None necessary under normal conditions of use.

**Other** None necessary under normal conditions of use.

**Respiratory protection** Under normal conditions of use respiratory protection is not expected to be required.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Viscous liquid.
<b>Colour</b>	Green

<b>Odour</b>	Floral
<b>Odour threshold</b>	Not available.
<b>pH</b>	6
<b>Melting point/freezing point</b>	Not applicable
<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.
<b>Upper/lower flammability or explosive limits</b>	
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit – upper (%)</b>	Not available.
<b>Vapour pressure</b>	Not applicable
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Complete
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Flammability</b>	Not flammable
<b>Specific gravity</b>	1.01

## 10. Stability and reactivity

<b>Reactivity</b>	Heat.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidising agents.
<b>Hazardous decomposition products</b>	Small amounts of nitrogen oxides, carbon monoxide and carbon dioxide 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>	Causes serious eye 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** Causes serious eye irritation. Exposed individuals may experience eye tearing, redness, and discomfort.

### Information on toxicological effects

#### Acute toxicity

Components	Species	Test results
1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN (CAS 6440-58-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Oral</b>		
LD50	Rat	2890 mg/kg
COCAMIDOPROPYL BETAINE (CAS 61789-40-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg OECD SIDS
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg OECD SIDS
GLYCERIN (CAS 56-81-5)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
SODIUM CHLORIDE (CAS 7647-14-5)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rat	3000 mg/kg

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

<b>Skin corrosion/irritation</b>	The product was evaluated for dermal irritation and was predicted to be moderately to mildly irritating to human skin based on in vitro skin cell testing MIT Effective Time-50 Viable Cell Assay.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitisation</b>	
<b>Canada - Alberta OELs: Irritant</b>	
GLYCERIN (CAS 56-81-5)	Irritant
<b>Respiratory sensitisation</b>	Not a respiratory sensitizer.
<b>Skin sensitisation</b>	This product is not expected to cause skin sensitisation.
<b>Germ cell mutagenicity</b>	Not hazardous under normal conditions of use.
<b>Carcinogenicity</b>	Not hazardous under normal conditions of use.
	Chronic ingestion of ethanol in alcoholic beverages is classified by IARC as carcinogenic to humans.
<b>Canada - Manitoba OELs: carcinogenicity</b>	
ETHANOL (CAS 64-17-5)	Confirmed animal carcinogen with unknown relevance to humans.
<b>Reproductive toxicity</b>	Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause reproductive/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.
<b>Chronic effects</b>	Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause liver toxicity.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life.

Product	Species		Test results
Pacific Garden® Head & Body Shampoo			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia	28.9286 mg/l, 48 hours estimated
Fish	LC50	Fish	11.8627 mg/l, 96 hours estimated
<b>Components</b>			
<b>Species</b>			
<b>Test results</b>			
1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN (CAS 6440-58-0)			
<b>Aquatic</b>			
<i>Acute</i>			
Fish	LC50	Bluegill (Lepomis macrochirus)	173 mg/l, 96 hours
Alcohols, C12-15, ethoxylated (CAS 68131-39-5)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	0.37 - 0.43 mg/l, 48 hours
Fish	LC50	Channel catfish (Ictalurus punctatus)	1.04 - 1.39 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
ETHANOL (CAS 64-17-5)			
<b>Aquatic</b>			
Fish	LC50	Fathead minnow (Pimephales promelas)	13400 - 15100 mg/l, 96 hours
GLYCERIN (CAS 56-81-5)			
<b>Aquatic</b>			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	51000 - 57000 mg/l, 96 hours
SODIUM CHLORIDE (CAS 7647-14-5)			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia	1000 mg/l, 48 Hours
		Water flea (Daphnia magna)	340.7 - 469.2 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	6020 - 7070 mg/l, 96 hours
SODIUM LAURETH SULFATE (CAS 9004-82-4)			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	2.43 - 4.01 mg/l, 48 hours

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

ETHANOL	-0.31
GLYCERIN	-1.76

**Mobility in soil** No data available.

**Other adverse effects** 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**

**Disposal instructions** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** 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.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	Empty packaging/container can be disposed in accordance with all applicable regulations.

## 14. Transport information

### TDG

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

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

### Controlled Drugs and Substances Act

Not regulated.

### Export Control List (CEPA 1999, Schedule 3)

Not listed.

### Greenhouse Gases

Not listed.

### Precursor Control Regulations

Not regulated.

### International regulations

#### Stockholm Convention

Not applicable.

#### Rotterdam Convention

Not applicable.

#### Kyoto protocol

Not applicable.

#### Montreal Protocol

Not applicable.

#### Basel Convention

Not applicable.

## 16. Other information

**Issue date** 05-15-2018

**Version No.** 01

**Further information** HMIS® is a registered trade and service mark of the NPCA.

**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.

**Revision information**

Product and Company Identification: Product Codes  
Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
Toxicological Information: Toxicological Data  
Ecological Information: Ecotoxicity  
Regulatory Information: United States  
HazReg Data: North America  
GHS: Classification