

1. Identification

Product identifier **Pacific Garden® Head & Body Shampoo**
Product list Pacific Garden® Head & Body SKU - 43023
Other means of identification None.
Recommended use Head & Body Shampoo
Recommended restrictions This product is regulated as a cosmetic in Canada, and is intended for personal care use.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Manufactured for:
 Georgia-Pacific Consumer Products LP
Address 133 Peachtree Steet, NE
 Atlanta, GA 30303
Telephone Technical Information: 866.435.5647
 (M)SDS Request: 404.652.5119
E-mail MSDSREQ@GAPAC.com
Emergency phone number Chemtrec - Emergency: 800.424.9300

Importer/Supplier/Distributor Not applicable.

2. Hazard identification

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

Label elements



Signal word Warning
Hazard statement Causes serious eye irritation. Harmful to aquatic life.
Precautionary statement
Prevention Wear eye/face protection, if handling large quantities. Wash thoroughly after handling large quantities.
Response 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.
Storage Store away from strong oxidizers.
Disposal Dispose of waste and residues in accordance with local authority requirements.

Other hazards None known.

Supplemental information 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
COCAMIDOPROPYL BETAINE		61789-40-0	1 - 5

Chemical name	Common name and synonyms	CAS number	%
ETHANOL		64-17-5	1 - 5
GLYCERIN		56-81-5	1 - 5
1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN		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

Inhalation	Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if irritation persists.
Skin contact	If irritation occurs, flush skin with plenty of water. Seek medical attention if irritation persists.
Eye contact	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.
Ingestion	Rinse mouth. Do not induce vomiting without advice from poison control center. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Powder, water spray, foam, carbon dioxide.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Firefighters should wear full protective clothing including self contained breathing apparatus.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	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

Personal precautions, protective equipment and emergency procedures	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.
Methods and materials for containment and cleaning up	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.
Environmental precautions	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.
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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 ³	
		1000 ppm	
GLYCERIN (CAS 56-81-5)	TWA	10 mg/m ³	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 ³	Respirable mist.
		10 mg/m ³	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
ETHANOL (CAS 64-17-5)	STEL	1000 ppm

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 ³	
		1000 ppm	
GLYCERIN (CAS 56-81-5)	TWA	10 mg/m ³	Mist.

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

Components	Type	Value	Form
ETHANOL (CAS 64-17-5)	15 minute	1250 ppm	
	8 hour	1000 ppm	
GLYCERIN (CAS 56-81-5)	15 minute	20 mg/m ³	Mist.
	8 hour	10 mg/m ³	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

Material name: Pacific Garden® Head & Body Shampoo

5060 Version #: 02 Revision date: 07-03-2019 Issue date: 05-15-2018

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Physical state	Liquid.
Form	Viscous liquid.
Colour	Green
Odour	Floral
Odour threshold	Not available.
pH	6
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	Not applicable
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Complete
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Flammability	Not flammable
Specific gravity	1.01

10. Stability and reactivity

Reactivity	Heat.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	Small amounts of nitrogen oxides, carbon monoxide and carbon dioxide may be released.

11. Toxicological information

Information on likely routes of exposure

Inhalation	No effects expected under normal conditions of use.
Skin contact	No effects expected under normal conditions of use. Prolonged skin contact may cause temporary irritation.
Eye contact	Causes serious eye irritation.
Ingestion	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

Product	Species	Test Results
Pacific Garden® Head & Body Shampoo		
Acute		
Dermal		
ATEmix		3.448e+006 mg/kg
Inhalation		
<i>Vapour</i>		
ATEmix		6250 mg/l
Oral		
ATEmix		15540 mg/kg
Components	Species	Test Results
1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN (CAS 6440-58-0)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Oral		
LD50	Rat	2890 mg/kg
COCAMIDOPROPYL BETAINE (CAS 61789-40-0)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg OECD SIDS
Oral		
LD50	Rat	> 5000 mg/kg OECD SIDS
ETHANOL (CAS 64-17-5)		
Acute		
Inhalation		
LC50	Rat	117 - 125 mg/l, 4 Hours
Oral		
LD50	Rat	9.9 g/kg
GLYCERIN (CAS 56-81-5)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Oral		
LD50	Rat	> 5000 mg/kg
SODIUM CHLORIDE (CAS 7647-14-5)		
Acute		
Oral		
LD50	Rat	3000 mg/kg

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

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitisation

Canada - Alberta OELs: Irritant

GLYCERIN (CAS 56-81-5) Irritant

Respiratory sensitisation Not a respiratory sensitizer.

Skin sensitisation This product is not expected to cause skin sensitisation.

Germ cell mutagenicity Not hazardous under normal conditions of use.

Carcinogenicity	Not hazardous under normal conditions of use. Chronic ingestion of ethanol in alcoholic beverages is classified by IARC as carcinogenic to humans.
Canada - Manitoba OELs: carcinogenicity	
ETHANOL (CAS 64-17-5)	Confirmed animal carcinogen with unknown relevance to humans.
Reproductive toxicity	Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause reproductive/developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	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			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Daphnia	28.9286 mg/l, 48 hours estimated
Fish	LC50	Fish	11.8627 mg/l, 96 hours estimated
Components			
Species			
Test Results			
1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN (CAS 6440-58-0)			
Aquatic			
<i>Acute</i>			
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>)	173 mg/l, 96 hours
Alcohols, C12-15, ethoxylated (CAS 68131-39-5)			
Aquatic			
Crustacea	EC50	Water flea (<i>Ceriodaphnia dubia</i>)	0.37 - 0.43 mg/l, 48 hours
Fish	LC50	Channel catfish (<i>Ictalurus punctatus</i>)	1.04 - 1.39 mg/l, 96 hours
COCAMIDOPROPYL BETAINE (CAS 61789-40-0)			
Aquatic			
<i>Acute</i>			
Fish	LC50	Fish	0.28 - 2.8 mg/l, 96 Hours
<i>Chronic</i>			
Fish	NOEC	Rainbow trout,donaldson trout (<i>Oncorhynchus mykiss</i>)	16 mg/l, 28 days
ETHANOL (CAS 64-17-5)			
Aquatic			
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)	13400 - 15100 mg/l, 96 hours
GLYCERIN (CAS 56-81-5)			
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (<i>Oncorhynchus mykiss</i>)	51000 - 57000 mg/l, 96 hours
SODIUM CHLORIDE (CAS 7647-14-5)			
Aquatic			
Crustacea	EC50	Daphnia	1000 mg/l, 48 Hours
		Water flea (<i>Daphnia magna</i>)	340.7 - 469.2 mg/l, 48 hours
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)	6020 - 7070 mg/l, 96 hours

Components	Species	Test Results
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SODIUM LAURETH SULFATE (CAS 9004-82-4)

Aquatic

Acute

Crustacea	EC50	Water flea (Ceriodaphnia dubia)	2.43 - 4.01 mg/l, 48 hours
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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.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products 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).

Contaminated packaging 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

Revision date 07-03-2019

Version No. 02

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 Hazard identification: Prevention
GHS: Classification