

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 the US and is intended for personal care use.

Manufacturer/Importer/Supplier/Distributor information

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

2. Hazard(s) identification

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

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.
Hazard(s) not otherwise classified (HNOC) 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
ETHYL ALCOHOL		64-17-5	1 - 5
GLYCERIN		56-81-5	1 - 5

Chemical name	Common name and synonyms	CAS number	%
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. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
ETHYL ALCOHOL (CAS 64-17-5)	PEL	1900 mg/m ³	
		1000 ppm	
GLYCERIN (CAS 56-81-5)	PEL	5 mg/m ³	Respirable fraction.
		15 mg/m ³	Total dust.

US. ACGIH Threshold Limit Values

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

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
ETHYL ALCOHOL (CAS 64-17-5)	TWA	1900 mg/m ³
		1000 ppm

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

Physical state Liquid.

Form Viscous liquid.

Color Green

Odor Floral

Odor 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.

Vapor pressure Not applicable

Vapor 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 oxidizing 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.
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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>Vapor</i>		
ATEmix		6250 mg/l
Oral		
ATEmix		15380 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

Components	Species	Test Results
COCAMIDOPROPYL BETAINE (CAS 61789-40-0)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg OECD SIDS
Oral		
LD50	Rat	> 5000 mg/kg OECD SIDS
ETHYL ALCOHOL (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 sensitization

Respiratory sensitization Not a respiratory sensitizer.

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

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.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

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
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1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN (CAS 6440-58-0)

Aquatic

Acute

Fish LC50 Bluegill (*Lepomis macrochirus*) 173 mg/l, 96 hours

ALCOHOLS, C12-15, ETHOXYLATED (CAS 68131-39-5)

Aquatic

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)

Aquatic

Acute

Fish LC50 Fish 0.28 - 2.8 mg/l, 96 Hours

Chronic

Fish NOEC Rainbow trout,donaldson trout (Oncorhynchus mykiss) 16 mg/l, 28 days

ETHYL ALCOHOL (CAS 64-17-5)

Aquatic

Fish LC50 Fathead minnow (*Pimephales promelas*) 13400 - 15100 mg/l, 96 hours

GLYCERIN (CAS 56-81-5)

Aquatic

Fish LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss) 51000 - 57000 mg/l, 96 hours

SODIUM CHLORIDE (CAS 7647-14-5)

Aquatic

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)

Aquatic

Acute

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)

ETHYL ALCOHOL -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 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.

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

DOT

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

US federal regulations SDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200). This product is regulated under the US Federal Food, Drug, and Cosmetic Act.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No (Exempt)

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

ETHYL ALCOHOL (CAS 64-17-5)

Low priority

GLYCERIN (CAS 56-81-5)

Other Flavoring Substances with OSHA PEL's

US state regulations This product, if discarded, is considered a Non-RCRA hazardous waste in the state of California.

California Proposition 65

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

16. Other information, including date of preparation or last revision

Issue date	May-29-2015
Revision date	July-02-2019
Version #	03
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0

NFPA ratings

Health: 2
Flammability: 1
Instability: 0

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(s) identification: Prevention
Regulatory information: California Proposition 65
Regulatory information: US state regulations
GHS: Classification