

1. Product and Company Identification

Material name Pacific Garden® Head & Body Shampoo
Product use Head & Body Shampoo
Product list Pacific Garden® Head & Body SKU - 43023
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. Prolonged and/or repeated skin contact with this product may cause irritation.
Inhalation Not applicable under normal conditions of use.
Ingestion Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

3. Composition / Information on Ingredients

Components	CAS #	Percent/Wt
WATER	7732-18-5	60 - 100
SODIUM LAURETH SULFATE	9004-82-4	3 - 7
SODIUM CHLORIDE	7647-14-5	3 - 7
GLYCERIN	56-81-5	1 - 5
ETHYL ALCOHOL	64-17-5	1 - 5
COCAMIDOPROPYL BETAINE	61789-40-0	1 - 5

4. First Aid Measures

First aid procedures
Eye contact In case of eye contact flush eyes with plenty of water. Seek medical attention if irritation persists.
Skin contact If irritation occurs, flush skin with plenty of water. Seek medical attention if irritation persists.
Inhalation Not a normal route of exposure.
Ingestion If ingested seek medical attention or call a poison control center.

5. Fire Fighting Measures

Extinguishing media
Suitable extinguishing media Treat for surrounding material.
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 oxides of nitrogen and carbon; low molecular weight aldehydes and hydrocarbons may be released.

6. Accidental Release Measures

Personal precautions Use personal protection recommended in Section 8. Spills of this material are a slipping hazard.

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. Thoroughly wash the area with water after a spill or leak.

7. Handling and Storage

Handling 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.

8. Exposure Controls / Personal Protection**Exposure limits****SODIUM CHLORIDE (CAS # 7647-14-5)**

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

SODIUM LAURETH SULFATE (CAS # 9004-82-4)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

COCAMIDOPROPYL BETAINE (CAS # 61789-40-0)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

ETHYL ALCOHOL (CAS # 64-17-5)

	TWA	STEL	Ceiling
ACGIH	Not established	1000 ppm	Not established
OSHA	1000 ppm	Not established	Not established

GLYCERIN (CAS # 56-81-5)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	15 mg/m3 (Total); 5 mg/m3 (Respirable)	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	Viscous
Physical State	Liquid
Color	Green
Odor	Floral
Odor threshold	Not available
pH	6
Melting point	Not available
Freezing point	Not applicable
Boiling point	Not available
Flash point	None
Evaporation rate	Not applicable
Flammability	Not available.
Flammability limits in air, upper, % by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Vapor pressure	Not applicable
Vapor density	Not available
Specific gravity	1.01
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	None known.
Hazardous decomposition products	Small amounts of oxides of nitrogen and carbon; low molecular weight aldehydes and hydrocarbons may be released.

11. Toxicological Information

Toxicological data

Components	Test Results
ETHYL ALCOHOL (64-17-5)	Acute Inhalation LC50 Rat: 20000 mg/l 10.00 Hours
	Acute Oral LD50 Guinea pig: 5.6 g/kg
	Acute Oral LD50 Rat: 7060 mg/kg
SODIUM CHLORIDE (7647-14-5)	Acute Oral LD50 Mouse: 4000 mg/kg
	Acute Oral LD50 Rat: 3000 mg/kg
	Acute Other LD50 Mouse: 2602 mg/kg
Toxicological information (Ingredients)	
SODIUM CHLORIDE (CAS # 7647-14-5)	
Toxicology Data - Selected LD50s and LC50s	Other LD50 Mouse: 2602 mg/kg
	Oral LD50 Mouse: 4000 mg/kg
	Oral LD50 Rat: 3000 mg/kg
ETHYL ALCOHOL (CAS # 64-17-5)	
Toxicology Data - Selected LD50s and LC50s	Inhalation LC50 Rat: 20000 mg/l
	Oral LD50 Guinea pig: 5.6 g/kg
	Oral LD50 Rat: 7060 mg/kg

Irritancy	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.
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	Not hazardous 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 ethyl alcohol 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
COCAMIDOPROPYL BETAINE (61789-40-0)	EC50 Daphnia: 6.5 mg/L 48.00 Hours IC50 Algae: 5.5 mg/L 72.00 Hours
ETHYL ALCOHOL (64-17-5)	EC50 Daphnia: 11744.5 mg/L 48.00 Hours EC50 Water flea (Daphnia magna): 7.7 - 11.2 mg/l 48.00 hours LC50 Fathead minnow (Pimephales promelas): > 100 mg/l 96.00 hours
SODIUM CHLORIDE (7647-14-5)	EC50 Daphnia: 1000 mg/L 48.00 Hours LC50 American eel (Anguilla rostrata): 0 - 27260 mg/l 96.00 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.
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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.
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14. Transport Information

General	This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.
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15. Regulatory Information

US federal regulations	MSDS prepared pursuant to the Hazard Communication Standard (29CFR 1910.1200). 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	This product, if discarded, is considered a Non-RCRA hazardous waste in the state of California.

Regulatory information

Canada DSL Inventory: Registration Status

COCAMIDOPROPYL BETAINE (CAS 61789-40-0)	Listed.
ETHYL ALCOHOL (CAS 64-17-5)	Listed.
GLYCERIN (CAS 56-81-5)	Listed.
SODIUM CHLORIDE (CAS 7647-14-5)	Listed.
SODIUM LAURETH SULFATE (CAS 9004-82-4)	Listed.

US TSCA Inventory: Registration Status

COCAMIDOPROPYL BETAINE (CAS 61789-40-0)	Listed.
ETHYL ALCOHOL (CAS 64-17-5)	Listed.
GLYCERIN (CAS 56-81-5)	Listed.

16. Other Information

HMIS® ratings

Health: 0
Flammability: 0
Physical hazard: 0

NFPA ratings

Health: 0
Flammability: 0
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

20-May-2013