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: 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

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td></td>
<td>7732-18-5</td>
<td>60 - 80</td>
</tr>
<tr>
<td>SODIUM LAURETH SULFATE</td>
<td></td>
<td>9004-82-4</td>
<td>5 - 10</td>
</tr>
<tr>
<td>SODIUM CHLORIDE</td>
<td></td>
<td>7647-14-5</td>
<td>3 - 7</td>
</tr>
<tr>
<td>COCAMIDOPROPYL BETaine</td>
<td></td>
<td>61789-40-0</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>
CAS number | Chemical name | Common name and synonyms | %
---|---|---|---
64-17-5 | ETHANOL | 1 - 5
56-81-5 | GLYCERIN | 1 - 5
6440-58-0 | 1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN | 0.1 - 1
68131-39-5 | Alcohols, C12-15, ethoxylated | 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**
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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL (CAS 64-17-5)</td>
<td>STEL</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL (CAS 64-17-5)</td>
<td>TWA</td>
<td>1880 mg/m3</td>
<td></td>
</tr>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL (CAS 64-17-5)</td>
<td>STEL</td>
<td>1000 ppm</td>
<td></td>
</tr>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>Respirable mist.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL (CAS 64-17-5)</td>
<td>STEL</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL (CAS 64-17-5)</td>
<td>STEL</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL (CAS 64-17-5)</td>
<td>TWA</td>
<td>1880 mg/m3</td>
<td></td>
</tr>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL (CAS 64-17-5)</td>
<td>15 minute</td>
<td>1250 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>1000 ppm</td>
<td></td>
</tr>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>15 minute</td>
<td>20 mg/m3</td>
<td>Mist.</td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>10 mg/m3</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

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

* 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.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pacific Garden® Head &amp; Body Shampoo</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Acute Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Acute Fish</td>
<td>LC50</td>
<td>Fish</td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
<td>Test Results</td>
</tr>
<tr>
<td>1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN (CAS 6440-58-0)</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Acute Crustacea</td>
<td>EC50</td>
<td>Water flea (Ceriodaphnia dubia)</td>
</tr>
<tr>
<td>Acute Fish</td>
<td>LC50</td>
<td>Channel catfish (Ictalurus punctatus)</td>
</tr>
<tr>
<td>Alcohols, C12-15, ethoxylated (CAS 68131-39-5)</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Acute Crustacea</td>
<td>EC50</td>
<td>Bluegill (Lepomis macrochirus)</td>
</tr>
<tr>
<td>Acute Fish</td>
<td>LC50</td>
<td>Fish</td>
</tr>
<tr>
<td>Chronic Fish</td>
<td>NOEC</td>
<td>Rainbow trout, donaldson trout (Oncorhynchus mykiss)</td>
</tr>
<tr>
<td>ETHANOL (CAS 64-17-5)</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Rainbow trout, donaldson trout (Oncorhynchus mykiss)</td>
</tr>
<tr>
<td>SODIUM CHLORIDE (CAS 7647-14-5)</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
</tbody>
</table>
Components: 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)
- 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
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.

Material name: Pacific Garden® Head & Body Shampoo

Revision information

Hazard identification: Prevention
GHS: Classification