1. Identification

Product identifier: Pacific Blue Ultra™ Gentle Foam Soap, Pacific Citrus

Product list:
- Pacific Blue Ultra™ Gentle Foam Soap, Pacific Citrus® 43715
- Pacific Blue Ultra™ Automated Gentle Foam Soap, Pacific Citrus® 43717

Other means of identification: None.

Recommended use: Hand cleanser

Recommended restrictions: None known.

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
- Emergency phone number: Chemtrec - Emergency: 800.424.9300

2. Hazard identification

Physical hazards: Not classified.

Health hazards:
- Eye irritation: Category 2B

Environmental hazards:
- Hazardous to the aquatic environment, acute hazard: Category 3

Label elements

Hazard symbol: None.

Signal word: Warning

Hazard statement: Causes eye irritation. Harmful to aquatic life.

Precautionary statement

Prevention: Wash thoroughly after handling large quantities. Observe good industrial hygiene practices.

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 incompatible materials.

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>GLYCERIN</td>
<td></td>
<td>56-81-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>SODIUM LAURETH SULFATE</td>
<td></td>
<td>68585-34-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>COCAMIDOPROPYL BETaines</td>
<td></td>
<td>61789-40-0</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

Other components below reportable levels: 80 - 100

Composition comments: * Fragrance Added
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 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
Do not use water jet as an extinguisher, as this will spread the fire.

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.

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>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

Material name: Pacific Blue Ultra™ Gentle Foam Soap, Pacific Citrus

5438  Version #: 01  Issue date: 11-04-2019
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>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. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

<table>
<thead>
<tr>
<th>Components</th>
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<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<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>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>

No biological exposure limits noted for the ingredient(s).

Biological limit values

General ventilation normally adequate.

Appropriate engineering controls

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. Wear appropriate gloves if handling large quantities.

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                 Liquid.
Colour                Clear. Light orange.
Odour                 Pacific Citrus™ fragrance
Odour threshold       Not available.
pH                    5 - 6
Melting point/freezing point Not available.
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

Flammability limit - lower (%) Not available.
Flammability limit - upper (%) Not available.
Explosive limit - lower (%) Not available.
Explosive limit – upper (%) Not available.

Vapour pressure       Not available.
Vapour density        Not available.
Relative density      Not available.
Solubility(ies)
  Solubility (water) Water Soluble
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.
Viscosity Not available.
Other information
  Density 1.01 g/ml

10. Stability and reactivity
Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability Material is stable under normal conditions.
Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.
Conditions to avoid Avoid freezing, if product freezes allow product to return to a liquid state and shake before use.
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 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 eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

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 Blue Ultra™ Gentle Foam Soap, Pacific Citrus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td>1.852e+006 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td>704200 mg/kg</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Components</th>
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<tr>
<td>COCAMIDOPROPYL BETAINE (CAS 61789-40-0)</td>
<td></td>
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</tr>
<tr>
<td>Acute</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>GLYCERIN (CAS 56-81-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rabbit</td>
<td></td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td></td>
<td>&gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation
Causes 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 available.

Reproductive toxicity
This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
Not classified.

Aspiration hazard
Not an aspiration hazard.

12. Ecological information
Ecotoxicity
Harmful to aquatic life.

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<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pacific Blue Ultra™ Gentle Foam Soap, Pacific Citrus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic Algae</td>
<td>IC50</td>
<td>Algae 48181.8164 mg/l, 72 Hours estimated</td>
</tr>
<tr>
<td>Aquatic Crustacea</td>
<td>EC50</td>
<td>Daphnia 77.156 mg/l, 48 hours estimated</td>
</tr>
<tr>
<td>Acute Fish</td>
<td>LC50</td>
<td>Fish 111.212 mg/l, 96 hours estimated</td>
</tr>
</tbody>
</table>

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</thead>
<tbody>
<tr>
<td>COCAMIDOPROPYL BETAIN (CAS 61789-40-0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic Acute Fish</td>
<td>LC50</td>
<td>Fish 0.28 - 2.8 mg/l, 96 Hours</td>
</tr>
<tr>
<td>Chronic Fish</td>
<td>NOEC</td>
<td>Rainbow trout,donaldson trout (Oncorhynchus mykiss) 16 mg/l, 28 days</td>
</tr>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic Fish</td>
<td>LC50</td>
<td>Fish &gt; 100 mg/l, 96 hours</td>
</tr>
<tr>
<td>SODIUM LAURETH SULFATE (CAS 68585-34-2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic Crustacea</td>
<td>EC50</td>
<td>Water flea (Ceriodaphnia dubia) 2.33 - 4.81 mg/l, 48 hours</td>
</tr>
</tbody>
</table>

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

Bioaccumulative potential
Partition coefficient n-octanol / water (log Kow)
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 material according to Local, State, Federal, and Provincial Environmental 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.
14. Transport information

TDG
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
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
11-04-2019

Version No.
01

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