1. Identification

GHS Product Identifier
PALMOLIVE SEA MINERALS LIQUID HAND SOAP

Product Code
B02948560000

Company Name
Colgate-Palmolive Pty Ltd (ABN 002 792 163)

Address
Australia: Level 14, 345 George Street, Sydney NSW 2000 Australia
New Zealand Address: Level 4, 45 Knights Road, Lower Hutt.

Emergency phone number
AUS 1800 638 556, NZ: 0800 764766

Recommended use of the chemical and restrictions on use
Liquid hand soap

Other Information

2. Hazard Identification

GHS classification of the substance/mixture
Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl betaine</td>
<td>61789-40-0</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>Lactic acid</td>
<td>50-21-5</td>
<td>&lt;2 %</td>
</tr>
<tr>
<td>Sodium laureth sulfate</td>
<td>9004-82-4</td>
<td>&lt;10 %</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>7647-14-5</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Sodium benzoate</td>
<td>532-32-1</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Sodium salicylate</td>
<td>54-21-7</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Cocamide MEA</td>
<td>68140-00-1</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Benzophenone-4</td>
<td>4065-45-6</td>
<td>&lt;0.1 %</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-8</td>
<td>&lt;0.1 %</td>
</tr>
<tr>
<td>C.I.ACCID BLUE 9, DISODIUM SALT</td>
<td>3844-45-9</td>
<td>&lt;0.01 %</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>&lt;0.01 %</td>
</tr>
<tr>
<td>Ethanolamine</td>
<td>141-43-5</td>
<td>&lt;0.01 %</td>
</tr>
<tr>
<td>D &amp; C YELLOW No. 10</td>
<td>8004-92-0</td>
<td>&lt;0.01 %</td>
</tr>
<tr>
<td>Ingredients determined</td>
<td>Balance</td>
<td></td>
</tr>
<tr>
<td>Balance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. First-aid measures

Inhalation
If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion
Do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.

Skin
Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye contact
If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First Aid Facilities
Normal washroom facilities.

Advice to Doctor
Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.
5. Fire-fighting measures

Suitable extinguishing media: Use appropriate fire extinguisher for surrounding environment.

Hazard from Combustion: Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.

Product Specific hazards arising from the chemical Decomposition: This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.

Temp. Precautions in connection with Fire: Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. Accidental release measures

Emergency Procedures: Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. Handling and storage

Precautions for Safe Handling: Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated area. Keep containers closed when not in use. Store in suitable, labelled containers.

8. Exposure controls/personal protection

Occupational exposure limit values: No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

<table>
<thead>
<tr>
<th>Substance</th>
<th>TWA ppm</th>
<th>STEL ppm</th>
<th>NOTICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanolamine</td>
<td>3</td>
<td>6</td>
<td>7.5</td>
</tr>
</tbody>
</table>

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

No Biological limit available.

Biological Limit Values: No special engineering controls required.

Respiratory Protection: Not required under normal conditions of use. Industrial Applications: Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection: Not required. However, avoid eye contact. Industrial Applications: Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

Hand Protection: Not required under normal conditions of use. Industrial Applications: Reference should be made to AS/NZS 2161.1: Occupational protective gloves – Selection, use and maintenance.

Body Protection: Not required under normal conditions of use. Industrial Applications: Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is
### 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Clear liquid</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>Blue</td>
</tr>
<tr>
<td><strong>Odour</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Decomposition</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Solubility in Water</strong></td>
<td>Soluble</td>
</tr>
<tr>
<td><strong>Solubility in Organic Solvents</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.025 (25°C)</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>3.7 (25°C)</td>
</tr>
<tr>
<td><strong>Vapour Pressure</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapour Density</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Odour Threshold</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Partition Coefficient: n-octanol/water</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flammability</strong></td>
<td>Non-combustible liquid</td>
</tr>
<tr>
<td><strong>Auto-Ignition Temperature</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flammable Limits - Lower</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flammable Limits - Upper</strong></td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

- **Reactivity**: Will react with incompatibles.
- **Chemical Stability**: Stable under normal conditions of storage and use.
- **Conditions to Avoid**: Extremes of temperature and direct sunlight.
- **Incompatible Materials**: Not available
- **Hazardous Decomposition Products**: Will not occur.
- **Hazardous Polymerization**: Not applicable

### 11. Toxicological Information

- **Toxicology Information**
  - **Ingestion**: Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
  - **Inhalation**: Unlikely route of exposure, however if product mists or vapours are inhaled may cause irritation of the nose, throat and respiratory system.
  - **Skin**: May cause mild skin irritation. Skin contact may cause redness, itching and
PALMOLIVE SEA MINERALS LIQUID HAND SOAP

Eye
May be irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Respiratory sensitisation
Not expected to be a respiratory sensitiser.

Skin Sensitisation
Not expected to be a skin sensitiser.

Germ cell mutagenicity
Not considered to be a mutagenic hazard.

Carcinogenicity
Not considered to be a carcinogenic hazard.

Reproductive Toxicity
Not considered to be toxic to reproduction.

STOT-single exposure
Not expected to cause toxicity to a specific target organ.

Aspiration Hazard
Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity
Not available

Persistence and degradability
Not available

Mobility
Not available

Environmental Protection
Prevent large quantities of this material entering waterways, drains and sewers.

13. Disposal considerations

Disposal Considerations
The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. Transport information

Transport Information
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. No

IMDG Marine pollutant
No

15. Regulatory information

Regulatory Information
Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

AICS (Australia)
All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

16. Other Information

Date of preparation or last revision of SDS
SDS Created: April 2013

Literature References
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia.

American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point
24Hr Emergency Response
Australia- 1800 638 556
New Zealand- 0800 764 766

...End Of MSDS...