1. Identification

**GHS Product Identifier**
B02935190004

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

**Address**
Australia: Level 14, 345 George Street, Sydney
NSW 2000 Australia

**Telephone/Fax Number**
Tel: AUS (02) 9229 5600 NZ: 04 576 6700
Fax: AUS (02) 9229 5700, NZ: 04 568 8835

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

**Product Name:** PALMOLIVE ANTIBACTERIAL LIQUID HAND SOAP - AMBER

**Not classified as hazardous**

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>Sodium laureth sulfate</td>
<td>9004-82-4</td>
<td>0%-&lt;10 %</td>
</tr>
<tr>
<td>Cocamidopropyl betaine</td>
<td>61789-40-0</td>
<td>0%-&lt;5 %</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</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>Citric Acid</td>
<td>77-92-9</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>68551-12-2</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Cocamide MEA</td>
<td>68140-00-1</td>
<td>0%-&lt;1 %</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>7647-14-5</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Ingredients determined not to be hazardous, including water.</td>
<td>Balance</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 thoroughly 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 eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

**First Aid Facilities**
Eyewash and normal washroom facilities.

**Advice to Doctor**
Treat symptomatically.

**Other Information**
For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. Fire-fighting measures

**Suitable extinguishing media**
Use extinguishing media that are suitable for the surrounding combustible materials.
Palmolive Antibacterial Liquid Hand Soap - Amber

Not classified as hazardous

Hazards from Combustion Products

- Non combustible material.
- This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn. As a water based product, if spilt on electrical equipment the product will cause short-circuits.

Precautions in connection with Fire

- Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. Accidental release measures

- Slippery when spilt - avoid accidents. Wear appropriate personal protective equipment and clothing to minimize 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

- Follow instructions on label. Avoid contact with eyes. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Precautions for Safe Storage, including any incompatibilities

- Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

8. Exposure controls/personal protection

- 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>Glycerin</td>
<td>-</td>
<td>10</td>
<td>-</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 allocated.

- No special engineering controls required.

Respiratory Protection

Not required under normal conditions of use.

For industrial applications: An approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

For industrial applications: Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should
Safety Data Sheet

Product Name: PALMOLIVE ANTIBACTERIAL LIQUID HAND SOAP - AMBER

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Hand Protection
- Conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
- Not required under normal conditions of use.
- For industrial applications: Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection
- Not special clothing required under normal conditions of use.
- For industrial applications: Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Amber</td>
</tr>
<tr>
<td>Odour</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition</td>
<td>Not available</td>
</tr>
<tr>
<td>Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.025 (at 25°C)</td>
</tr>
<tr>
<td>pH</td>
<td>5.2 (at 25°C)</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td>Non-combustible liquid.</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammable Limits - Lower</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammable Limits - Upper</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Stability</td>
<td>Stable under normal conditions of storage and handling.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Extremes of temperature and direct sunlight.</td>
</tr>
<tr>
<td>Incompatible Materials</td>
<td>Not available</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>Thermal decomposition may result in the release of toxic and/or irritating fumes</td>
</tr>
<tr>
<td>Hazardous Products</td>
<td>Will not occur.</td>
</tr>
<tr>
<td>Polymerization</td>
<td></td>
</tr>
</tbody>
</table>

11. Toxicological Information
Palmolive Antibacterial Liquid Hand Soap - Amber

Toxicology Information

Ingestion: Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation: Not considered to be hazardous by inhalation. Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin: Not considered to be hazardous when in contact with skin. However for sensitive individuals, product may cause redness, itching and irritation.

Eye: May be irritating to eyes. The symptoms may include redness, itching and tearing.

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.

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

Aspiration Hazard: Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity: No ecological data are available for this material.

Persistence and degradability: Not available

Mobility: Not available

Bioaccumulative Potential: Not available

Other Adverse Effects: Not available

Environmental Protection: Prevent this material entering waterways, drains and sewers.

13. Disposal considerations

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

14. Transport information


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

15. 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.
Not classified as hazardous

Poisons Schedule
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

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 Reviewed: July 2013
Supersedes: November 2010

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.
-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