1. Identification

GHS Product Identifier: PALMOLIVE ANTIBACTERIAL FOAMING HAND WASH LIME & MINT
Product Code: B02944000007
Company Name: Colgate-Palmolive Pty Ltd (ABN 002 792 163)
Address: Australia: Level 14, 345 George Street, Sydney NSW 2000 Australia
Phone/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
Recommended use of the chemical and restrictions on use: Foaming hand wash
New Zealand Address: Level 4, 45 Knights Road, Lower Hutt.

2. Hazard Identification

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-%10 %</td>
</tr>
<tr>
<td>Limonene</td>
<td>138-86-3</td>
<td>0.1-0.25 %</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 with water. If symptoms develop seek medical attention.
Skin: The product is designed for skin contact. If there is a reaction, wash affected area thoroughly with soap and water. If symptoms persist 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 131 126; New Zealand 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.
Specific hazards arising from the chemical: This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.
Decomposition Temp: Not available
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

| Personal precautions, protective equipment and emergency procedures | Slippery when spilt - avoid accidents. For small spills: Mop up material and place into the same container. Hose down residues or minor spills with excess water. For large spills: Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. As a water based product, if spill on electrical equipment the product will cause short-circuits. 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 | Industrial applications: Avoid inhalation of vapours and mists, and skin or eye contact. 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. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities. |
| Conditions for safe storage, including any incompatibilities | Industrial applications: Store in a cool, dry, well-ventilated area, out of direct sunlight. Protect from freezing. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations. |

8. Exposure controls/personal protection

| Occupational exposure limit values | No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels. |
| Biological Limit Values | No Biological limit available. |
| Appropriate engineering controls | No special engineering controls required. Industrial Applications: Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is 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 under normal conditions of use. However, avoid eye contact. Industrial Applications: Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. 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: 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. Occupational protective gloves should conform to relevant regulations. 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 recommended where large quantities are handled. |

9. Physical and chemical properties

| Appearance | Clear, green liquid |
Safety Data Sheet

Product Name: PALMOLIVE ANTIBACTERIAL FOAMING HAND WASH LIME & MINT

- Colour: Green
- Odour: Lime and mint odour
- Decomposition Temperature: Not available
- Melting Point: Not available
- Boiling Point: Not available
- Solubility in Water: Soluble
- Specific Gravity: 1.025 (25°C)
- pH: 3.7 (25°C)
- Vapour Pressure: Not available
- Vapour Density (Air=1): Not available
- Odour Threshold: Not available
- Viscosity: Not available
- Partition Coefficient: n-octanol/water: Not applicable
- Flash Point: Non-combustible liquid
- Flammability: Not applicable
- Auto-Ignition Temperature: Not applicable
- Flammable Limits - Lower: Not applicable
- Flammable Limits - Upper: Not applicable

10. Stability and reactivity
- Reactivity: Not available
- 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: Thermal decomposition may result in the release of toxic and/or irritating fumes
- Hazardous Polymerization: Will not occur.

11. Toxicological Information
- Toxicology Information: No toxicity data available for this product.
- 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: The product is designed for skin contact. Not expected to have adverse effects when in contact with skin. However for individuals with sensitive skin, product may cause redness, itching or irritation.
- Eye: May cause eye irritation, 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
Carcinogenicity
Reproductive Toxicity
STOT-single exposure
STOT-repeated exposure
Aspiration Hazard

Not considered to be a mutagenic hazard.
Not considered to be a carcinogenic hazard.
Not considered to be toxic to reproduction.
Not expected to cause toxicity to a specific target organ.
Not expected to cause toxicity to a specific target organ.
Not expected to be an aspiration hazard.

12. Ecological information
Ecotoxicity
Persistence and degradability
Mobility
Bioaccumulative Potential
Other Adverse Effects
Environmental Protection

No ecological data are available for this material.
Not available
Not available
Not available
Prevent large amounts from 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

Road and Rail Transport (ADG Code):

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.

IMDG Marine pollutant

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

Poisons Schedule
Not Scheduled

AICS (Australia)
The listed chemicals are included in Australian Inventory of Chemical Substances (AICS) or otherwise notified under NICNAS.

16. Other Information
Date of preparation or last revision of SDS

SDS Reviewed: June 2014, Superseded: February 2012

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.

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

...End Of MSDS...