Safety Data Sheet

Product Name: PALMOLIVE COLLECTIONS - GRAPEFRUIT AND LIME TONIC LIQUID HAND SOAP

1. Identification

GHS Product Identifier: B02942030003
Company Name: Colgate-Palmolive Pty Ltd (ABN 002 792 163)
Address: Australia: Level 14, 345 George Street, Sydney NSW 2000 Australia
Telephone/Fax Number: 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: Hand wash
Other Information: New Zealand Address: Level 4, 45 Knights Road, Lower Hutt.

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>&lt;10 %</td>
</tr>
<tr>
<td>Lactic acid</td>
<td>50-21-5</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>Cocamidopropyl betaine</td>
<td>61789-40-0</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Amides, coco, n- (hydroxyethyl)</td>
<td>68140-00-1</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>Sodium chloride</td>
<td>7647-14-5</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Limonene</td>
<td>138-86-3</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-8</td>
<td>&lt;0.1 %</td>
</tr>
<tr>
<td>Ingredients determined not to be hazardous</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: Discontinue use if irritation develops. 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: 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
## 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. Industrial applications: 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.

### 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 (mg/m³)</th>
<th>NOTICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>-</td>
<td>2 (peak limitation)</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.

**Peak Limitation:** A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

No Biological limit available.

### Biological Limit Values

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.

### Appropriate engineering controls

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.
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Not classified as hazardous

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 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>Orange clear liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition 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 (25°C)</td>
</tr>
<tr>
<td>pH</td>
<td>3.8 (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>Viscosity</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 use.</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 Products</td>
<td>Not available</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur.</td>
</tr>
</tbody>
</table>

11. Toxicological Information

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>Ingestion of this product may irritate the gastric tract causing nausea and vomiting.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Unlikely route of exposure, however if product mists or vapours are inhaled may cause irritation of the nose, throat and respiratory system.</td>
</tr>
</tbody>
</table>
Not classified as hazardous

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

**Eye**
May cause eye irritation, tearing and stinging, blurred vision and redness.

**Respiratory Sensitisation**
Not expected to be a respiratory sensitizer.

**Skin Sensitisation**
Not expected to be a skin sensitizer.

**Germ cell Mutagenicity**
Not considered to be a mutagenic hazard.

**Carcinogenicity**
Not considered to be a carcinogenic hazard.

**Reproductive Toxicity**
Not expected to be toxic to reproduction.

**STOT - Single Exposure**
Not expected to cause damage to organs through single exposure.

**STOT - Repeated Exposure**
Not expected to cause damage to organs through repeated exposure.

**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

Environmental Protection
Prevent large quantities of 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**

Transport Information

Road and Rail Transport:

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

**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

**16. Other Information**

Date of Preparation or Last Revision of SDS
SDS Created: January 2013

Contact Person/Point
24Hr Emergency Response
Product Name: PALMOLIVE COLLECTIONS - GRAPEFRUIT AND LIME TONIC LIQUID HAND SOAP

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Australia- 1800 638 556
New Zealand- 0800 764 766

...End Of MSDS...