1. Identification

GHS Product Identifier: B0670223M

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: PEROXYL ALCOHOL FREE ORAL CLEANSER (MINT FLAVOUR)

2. Hazard Identification

Classification of the substance or 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>D Sorbitol</td>
<td>50-70-4</td>
<td>5-&lt;10 %</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>5-&lt;10 %</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>Ingredients determined</td>
<td></td>
<td>Balance</td>
</tr>
<tr>
<td>not to be hazardous</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 develop and/or persist seek medical attention.

Ingestion: Wash mouth with water. If irritation develops and persists, 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 131 126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing media suitable for surrounding environment.

Hazards from Combustion:
- Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific hazards arising from the chemical:
- This product is non combustible. However heating can cause expansion or decomposition leading to violent rupture of containers.

Decomposition Temp: Not available
Safety Data Sheet

Product Name: PEROXYL ALCOHOL FREE ORAL CLEANSER (MINT FLAVOUR)

6. Accidental release measures

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.

Accidental release measures
Avoid accidents, clean up immediately.
Small spill: Mop up & wash residue to drain with copious amounts of water.
Large spill: 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
Industrial use: 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.
Industrial quantities: 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

Occupational exposure limit values
No exposure value assigned for this specific 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>Propylene glycol (vapour &amp; particulates)</td>
<td>150</td>
<td>474</td>
<td>-</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>1</td>
<td>1.4</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 limits allocated.

Biological Limit Values
No special engineering controls required. However, under industrial applications, provide sufficient ventilation. Where vapours or mists are generated, the use of respiratory protection, or a local exhaust ventilation system is recommended.

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. Filter capacity and respirator type depends on exposure levels and individual circumstances. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances.

Respiratory Protection
Not required under normal conditions of use. However, avoid eye contact. Industrial Applications: The use of safety glasses as appropriate when handling large quantities. Refer to Australian Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

Eye Protection
Hand Protection
Not required under normal conditions of use. However, under industrial applications, the use of gloves is recommended. Final choice is dependent on individual circumstances. 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 required under normal conditions of use. However, under 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>Transparent, blue liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Blue</td>
</tr>
<tr>
<td>Odour</td>
<td>Mint aroma</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>Solubility in Organic Solvents</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.050 (25°C)</td>
</tr>
<tr>
<td>pH</td>
<td>4.5 (as is) (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>Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity</td>
</tr>
<tr>
<td>Volatile Component</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-flammable</td>
</tr>
<tr>
<td>Auto-Ignition</td>
<td>Not applicable</td>
</tr>
<tr>
<td>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>
<tr>
<td>Explosion Properties</td>
<td>Not available</td>
</tr>
<tr>
<td>Oxidising Properties</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Water thin</td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Refer to Sec 10: Possibility of hazardous reactions</td>
</tr>
<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>
</tbody>
</table>
## Safety Data Sheet

### Product Name:
**PEROXYL ALCOHOL FREE ORAL CLEANSER (MINT FLAVOUR)**

### Incompatible Materials
- Strong oxidising agents.

### Decomposition Products
- Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.
- Will react with incompatible materials.

### Hazardous Polymerization
- Will not occur.

### 11. Toxicological Information

#### Toxicology Information
- **Ingestion**
  - No toxicity data are available for this material.
  - Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
- **Skin**
  - May be irritating to skin. The symptoms may include redness, itching and swelling.
- **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 sensitizer.
- **Germ cell mutagenicity**
  - Not considered to be a mutagenic hazard.
- **Carcinogenicity**
  - Hydrogen peroxide is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).
- **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 available for this material.

#### Persistence and degradability
- Not available

#### Mobility
- Not available

#### Bioaccumulative Potential
- Not available

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

### 13. Disposal Considerations

- Industrial applications for large quantities: The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

### 14. Transport Information

- Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
- Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
- Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
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: April 2014 Supersedes: April 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.
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...