1. Identification

GHS Product Identifier
B05815890001

Product Code
Colgate-Palmolive Pty Ltd (ABN 002 792 163)

Company Name
Australia: Level 14, 345 George Street, Sydney
NSW 2000 Australia

Address
Tel: AUS (02) 9229 5600 NZ: 04 576 6700
Fax: AUS (02) 9229 5700, NZ: 04 568 8835

Telephone/Fax Number
AUS 1800 638 556, NZ: 0800 764766

Emergency phone number

Recommended use of the chemical and restrictions on use
Hair shampoo.

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>Ammonium laureth sulfate</td>
<td>32612-48-9</td>
<td>10-&lt;20 %</td>
</tr>
<tr>
<td>Siloxanes and silicones, dimethyl cocamide DEA</td>
<td>61791-31-9</td>
<td>1-&lt;10 %</td>
</tr>
<tr>
<td>Ammonium Lauryl Sulfate</td>
<td>2235-54-3</td>
<td>1-&lt;10 %</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>0-&lt;1 %</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-8</td>
<td>0-&lt;1 %</td>
</tr>
<tr>
<td>Disodium hydrogen phosphate</td>
<td>7558-79-4</td>
<td>0-&lt;1 %</td>
</tr>
<tr>
<td>Ammonium sulphate</td>
<td>7783-20-2</td>
<td>0-&lt;1 %</td>
</tr>
</tbody>
</table>

Ingredients determined not to be hazardous, including water.

4. First-aid measures

Inhalation
Normally not an inhalation hazard.

Ingestion
Do not induce vomiting. Wash out mouth thoroughly 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
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
Slippery when spilt - avoid accidents. Wear protective clothing to minimise skin and eye exposure. If possible contain large spills, absorb with inert absorbent such as sand, soil or vermiculite and place in suitable, labelled containers. Mop up material and place into the same container. Hose down residues or minor spills with excess water. 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: When dealing with this product, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. 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, out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.

8. Exposure controls/personal protection

Occupational exposure limit values
No exposure standards have been established for this material by Safe Work, Australia. 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
As with all chemicals, exposure should be kept to the lowest possible levels.

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. However, avoid eye contact. 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 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. Reference should be made to AS/NZS 2161.1: Occupational protective gloves – Selection, use and maintenance.

Body Protection
For industrial use wear 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>White thick liquid</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>1.015 (25°C)</td>
</tr>
<tr>
<td>pH</td>
<td>6.5 (25°C)</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Density</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>Flash Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td>Non-combustible</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

- **Reactivity**: Reacts with incompatibles.
- **Chemical Stability**: Stable under normal conditions of storage and handling.
- **Conditions to Avoid**: Extremes of temperature and direct sunlight.
- **Incompatible Materials**: Strong oxidising agents.
- **Hazardous Decomposition Products**: 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 material.
- **Ingestion**: Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
- **Inhalation**: Not considered to be hazardous by inhalation.
- **Skin**: The product is formulated for skin contact. Not considered to be hazardous when in contact with skin. However for individuals with sensitive skin, product may cause redness, itching or irritation. May cause eye irritation, tearing, stinging and redness.
- **Eye**: Not expected to be a respiratory sensitiser.
- **Respiratory sensitisation**: Not expected to be a skin sensitiser.
Not classified as hazardous

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 through repeated or prolonged 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

Bioaccumulative Potential
Not available

Environmental Protection
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
Road and Rail Transport:
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

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 2013
Supersedes: July 2008

Literature References
Workplace exposure standards for airborne contaminants, Safe work Australia.
Not classified as hazardous

American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of classification and labelling of chemicals.

24Hr Emergency Response
Australia- 1800 638 556
New Zealand- 0800 764 766

...End Of MSDS...