1. Identification

GHS Product Identifier
B05815490002

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

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

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>Name</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ammonium laureth sulfate</td>
<td>32612-48-9</td>
<td>&lt;20 %</td>
</tr>
<tr>
<td></td>
<td>Siloxanes and silicones, dimethyl</td>
<td>63148-62-9</td>
<td>&lt;10 %</td>
</tr>
<tr>
<td></td>
<td>Cocamide DEA</td>
<td>61791-31-9</td>
<td>&lt;10 %</td>
</tr>
<tr>
<td></td>
<td>Ammonium Lauryl Sulfate</td>
<td>2235-54-3</td>
<td>&lt;10 %</td>
</tr>
<tr>
<td></td>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td></td>
<td>Ammonium sulphate</td>
<td>7783-20-2</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td></td>
<td>Octanal, 2- (phenylmethylene)</td>
<td>101-86-0</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td></td>
<td>Dithanolamine</td>
<td>111-42-2</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td></td>
<td>Tetrasodium EDTA</td>
<td>64-02-8</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td></td>
<td>Disodium hydrogen phosphate</td>
<td>7558-79-4</td>
<td>&lt;1 %</td>
</tr>
<tr>
<td></td>
<td>1,3-Dihydroxymethyl-5,5-dimethylhydantoin</td>
<td>6440-58-0</td>
<td>&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...
5. Fire-fighting measures

**Suitable extinguishing media**
Use appropriate fire extinguisher for surrounding environment.

**Hazards from combustion products**
Non combustible material.

**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

**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

**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. Store in a cool, dry, well-ventilated area, out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.

**Conditions for safe storage, including any incompatibilities**

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>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Notices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>-</td>
<td>(Peak Limitation)</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.

**Biological Limit Values**
No biological limit allocated.

**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,
Safety Data Sheet

Product Name: PALMOLIVE NATURALS MULTI REPAIR SHAMPOO

Not classified as hazardous

Respiratory Protective Devices.

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.

Eye Protection

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.

Eye Protection

Hand 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.

Body Protection

Chemical resistant apron is recommended where large quantities are handled.

9. Physical and chemical properties

Appearance: Thick white liquid
Odour: Not available
Decomposition Temperature: Not available
Melting Point: Not available
Boiling Point: Not available
Solubility in Water: Soluble
Specific Gravity: 1.015 (25°C)
pH: 6.5 (25°C)
Vapour Pressure: Not available
Vapour Density (Air=1): Not available
Evaporation Rate: Not available
Odour Threshold: 6500 cps (25°C)
Viscosity: Not applicable
Flash Point: Non-combustible
Auto-Ignition Temperature: Not applicable
Flammable Limits - Lower: Not applicable
Flammable Limits - Upper: Not applicable

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.

11. Toxicological Information
### Toxicology Information

**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.

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

**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 through repeated or prolonged exposure.

**Aspiration Hazard**
Not expected to be an aspiration hazard.

### 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.

### Disposal considerations

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

### 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

### 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).
Product Name: PALMOLIVE NATURALS MULTI REPAIR SHAMPOO

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: May 2010

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...