1. Identification

**GHS Product Identifier**

Palmolive Naturals Shampoo - Extra Volume

**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.

**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>Name</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium laurate sulfate</td>
<td>9004-02-4</td>
<td>10-&lt;30 %</td>
<td></td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>7647-14-5</td>
<td>&lt;5 %</td>
<td></td>
</tr>
<tr>
<td>Cocamidopropyl betaine</td>
<td>61789-40-0</td>
<td>&lt;5 %</td>
<td></td>
</tr>
<tr>
<td>2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-chloride, polymer with 2-propenamide</td>
<td>26590-05-6</td>
<td>&lt;1 %</td>
<td></td>
</tr>
<tr>
<td>Citric acid</td>
<td>77-92-9</td>
<td>&lt;1 %</td>
<td></td>
</tr>
<tr>
<td>Sodium sulfate</td>
<td>7757-82-6</td>
<td>&lt;1 %</td>
<td></td>
</tr>
<tr>
<td>Sodium benzoate</td>
<td>532-32-1</td>
<td>&lt;1 %</td>
<td></td>
</tr>
<tr>
<td>Sodium salicylate</td>
<td>54-21-7</td>
<td>&lt;1 %</td>
<td></td>
</tr>
<tr>
<td>Cyclopenta[g]</td>
<td>1222-05-5</td>
<td>&lt;0.15 %</td>
<td></td>
</tr>
<tr>
<td>2-benzopyran, 1,3,4,6,7,8-hexahydro-4,5,6,7,8-hexamethylnalool</td>
<td>78-70-6</td>
<td>&lt;0.15 %</td>
<td></td>
</tr>
<tr>
<td>3-Isothiazolone, 2-methyl</td>
<td>2682-20-4</td>
<td>&lt;0.01 %</td>
<td></td>
</tr>
</tbody>
</table>

Ingredients determined not to be hazardous, including water.

4. First-aid measures

**Inhalation**

Normally not an inhalation hazard. 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 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.
## 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 Decomposition Temp.**

This product is non combustible. However heating can cause expansion or decomposition leading to violent rupture of containers.

**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.

**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**

No biological limit allocated.

**Appropriate engineering controls**

No special engineering controls required. Industrial Applications: Provide sufficient ventilation to keep airborne levels as low as possible. 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:
Body Protection

Occupational protective gloves - Selection, use and maintenance.
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

Appearance
Opaque liquid

Colour
White

Odour
Not available

Decomposition Temperature
Not available

Melting Point
Not available

Boiling Point
Not available

Solubility in Water
Soluble

Specific Gravity
1.02 (25°C)

pH
5.2 (25°C)

Vapour Pressure
Not available

Vapour Density (Air=1)
Not available

Evaporation Rate
Not available

Odour Threshold
Not available

Viscosity
Not available

Partition Coefficient: n-octanol/water
Not available

Flash Point
6000 cps (25°C)

Flammability
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.

Hazardous Polymerization
Will not occur.

11. Toxicological Information

Toxicology
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.

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 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.

12. Ecological information

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>No ecological data are available for this material.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not available</td>
</tr>
<tr>
<td>Mobility</td>
<td>Not available</td>
</tr>
<tr>
<td>Bioaccumulative Potential</td>
<td>Not available</td>
</tr>
<tr>
<td>Environmental Protection</td>
<td>Prevent large amounts from entering waterways, drains and sewers.</td>
</tr>
</tbody>
</table>

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:
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.

IMDG Marine pollutant
No

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.

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

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

16. Other Information

# Safety Data Sheet

## Infosafe No™ LQ2A5

### Issue Date: August 2013

## Product Name

**Palmolive Naturals Shampoo - Extra Volume**

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### Date of preparation or last revision of SDS

- SDS Reviewed: August 2013
- Supersedes: May 2013

### 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.
- 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

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