1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: PALMOLIVE ULTRA ANTIBACTERIAL DISHWASHING LIQUID

Company Name: Colgate-Palmolive Pty Ltd (ABN 002 792 163)

Address: Australia: Level 14, 345 George Street, Sydney NSW 2000 Australia

Emergency Tel.: AUS 1800 638 556, NZ: 0800 764766

Recommended Use: Hand dishwashing liquid.

2. HAZARDS IDENTIFICATION

Hazard Classification: NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>C12 - C13 Alcohol</td>
<td>68585-34-2</td>
<td>10&lt;30 %</td>
</tr>
<tr>
<td>EO 2:1 Sodium sulfate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>0&lt;10 %</td>
</tr>
<tr>
<td>Cocamidopropylbamte</td>
<td>61789-40-0</td>
<td>0&lt;10 %</td>
</tr>
<tr>
<td>Ingredients determined not to be hazardous</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion: Wash out mouth and lips thoroughly with water. Do not induce vomiting. Seek medical attention.

Skin: Wash affected area thoroughly with water. If irritation develops, discontinue use. If symptoms persist seek medical attention.

Eye: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed off completely. 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 131 126; New Zealand 0800 764 766) or a doctor.

5. FIRE FIGHTING MEASURES

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

Hazard from Combustion Products: Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of nitrogen and oxides of sulphur.

Specific Hazards: The product is not combustible, but under fire conditions, the non-aqueous components may decompose and/or burn after the water component evaporates.

Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES
Emergency Procedures
Slippery when spilt. Avoid accidents, clean up immediately.
Small spill: Mop up and wash residue to drain with copious amounts of water.
Large spill: Contain and place inert, non-combustible absorbent material onto spillage. Sweep up the material and place into suitable labelled containers. Clean area with soap and water, collect residue and place into the same container. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations. Dispose of waste according to applicable local and national regulations.

7. HANDLING AND STORAGE
Precautions for Safe Handling
Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

Conditions for Safe Storage
Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents and foodstuffs, and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
National Exposure Standards
No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC), Australia.

Biological Limit Values
No biological limit allocated.

Engineering Controls
No special engineering controls required.

Respiratory Protection
Normally not required. Where ventilation is inadequate the use of an Air Purifying Respirator with an organic vapour filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended.

Eye Protection
Normally not required. The use of chemical goggles or safety glasses with side shield protection is recommended in industrial situations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection
Wear impervious gloves e.g. PVC, nitrile or butyl rubber gloves. Final choice of appropriate gloves will vary according to individual circumstances. Reference should be made to AS/NZS 2161 Occupational protective gloves - Selection, use and maintenance.

Body Protection
Suitable work wear should be worn to protect personal clothing. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance
Fluorescent lime green, viscous liquid.
Odour
Pleasant, fragrant odour.
Melting Point
Not available
Boiling Point
Not available
Solubility in Water
Soluble
Specific Gravity
0.926-1.132
pH Value
3.2-3.8
Vapour Pressure
Not available
Vapour Density (Air=1)
Not available
Viscosity
350-650 cP at 25°C
Flash Point
Not applicable
Flammability
Non-combustible liquid.
Auto-Ignition Temperature
Not available
Flammable Limits - Lower
Not applicable
10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use and storage.

Incompatible Materials: Strong oxidising agents.

Hazardous Decomposition: Thermal decomposition may result in the release of toxic and/or irritating fumes.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology: Not available

Inhalation: Inhalation of product vapours in an enclosed area may irritate the respiratory system.

Ingestion: Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Skin: May be irritating to the skin with some individuals. This can result in itching and redness of the skin.

Eye: May cause irritation to eyes. Symptoms may include redness, tearing, stinging and blurred vision.

Chronic Effects: Repeated or prolonged exposure to this material may cause irritation in individuals with sensitive skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available

Persistence / Degradability: Not available

Mobility: Not available

Environmental Fate: No data is available for this material.

Bioaccumulative Potential: Not available

Environ. Protection: Avoid contaminating waterways.

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: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

15. REGULATORY INFORMATION

Regulatory Information: Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

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

16. OTHER INFORMATION

Date of preparation or last revision of MSDS: MSDS Created: June 2009

Contact Person/Point: 24Hr Emergency Response
Australia= 1800 638 556
New Zealand= 0800 764 766
Material Safety Data Sheet

Infosafe No™ LPY82 Issue Date: June 2009 ISSUED by COLGATE

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...End Of MSDS...