SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PALMOLIVE ULTRA HAND DISHWASHING LIQUID ORIGINAL (COSTCO 2.66L)

Product code : 200000050103
: B02908590139

Manufacturer or supplier’s details

Company : Colgate-Palmolive Pty Ltd., 345 George St, Sydney, New South Wales, Australia 2000.

Address : Consumer affairs: - AU 1800 802 307 (Mon – Fri 9 - 5)

Emergency telephone number : CHEMTREC Australia +(61)-290372994
: Global-CHEMTREC- +1 703-741-5970

Li. Recommended use of the chemical and restrictions on use

Recommended use : A formulated dishwashing liquid

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Not a hazardous substance or mixture.

GHS label elements
Not a hazardous substance or mixture.

Other hazards which do not result in classification
No information available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
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<tbody>
<tr>
<td>LAURAMIDOPROPYLDIMETHYLAMINE OXIDE</td>
<td>61792-31-2</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>MYRISTAMIDOPROPYLAMINE OXIDE</td>
<td>67806-10-4</td>
<td>&lt; 10</td>
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PALMOLIVE ULTRA HAND DISHWASHING LIQUID ORIGINAL
(COSTCO 2.66L)

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SECTION 4. FIRST AID MEASURES

General advice
If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766), and follow the advice given.

If inhaled
If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

In case of eye contact
Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

If swallowed
Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed
None known.

SECTION 5. FIREFIGHTING MEASURES

Specific hazards during firefighting
Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products
No hazardous combustion products are known

Specific extinguishing methods
Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions
Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up
Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.
APJ

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<td>22.12.2016</td>
<td>660000002381</td>
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<td></td>
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<td>Date of first issue: 22.12.2016</td>
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SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Advice on safe handling: For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Hygiene measures: General industrial hygiene practice.

Conditions for safe storage: Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid: No materials to be especially mentioned.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters
Contains no substances with occupational exposure limit values.

Personal protective equipment
Respiratory protection: No personal respiratory protective equipment normally required.

Eye protection: Safety glasses

Skin and body protection: Protective suit

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid

Colour: blue green

pH: 6.6 - 7.4

Flash point: > 200 °F

Density: >= 1.00 g/cm³
SECTION 10. STABILITY AND REACTIVITY

Reactivity: No decomposition if stored and applied as directed.
Chemical stability: No decomposition if stored and applied as directed.
Possibility of hazardous reactions: Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid: No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Components:

LAURAMIDOPROPYLDIMETHYLAMINE OXIDE:
Acute oral toxicity: LC50 (Rat): 500 - 1,000 mg/kg
Method: OECD Test Guideline 423
Acute inhalation toxicity: Remarks: No data available
Acute dermal toxicity: LC50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 402

MYRISTAMIDOPROPYLAMINE OXIDE:
Acute oral toxicity: LC50 (Rat): 500 - 1,000 mg/kg
Method: OECD Test Guideline 423
Acute inhalation toxicity: Remarks: No data available
Acute dermal toxicity: LC50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 402

Skin corrosion/irritation

Components:

LAURAMIDOPROPYLDIMETHYLAMINE OXIDE:
Species: Rabbit
Exposure time: 4 h
Method: OECD Test Guideline 404
Result: Mild skin irritation

MYRISTAMIDOPROPYLAMINE OXIDE:
Species: Rabbit  
Exposure time: 4 h  
Method: OECD Test Guideline 404  
Result: Mild skin irritation

**Serious eye damage/eye irritation**

**Components:**

**LAURAMIDOPROPYLDIMETHYLAMINE OXIDE:**  
Species: Rabbit  
Result: Irritation to eyes, reversing within 21 days  
Exposure time: 1 h  
Method: OECD Test Guideline 405

**MYRISTAMIDOPROPYLAMINE OXIDE:**  
Species: Rabbit  
Result: Irritation to eyes, reversing within 21 days  
Exposure time: 1 h  
Method: OECD Test Guideline 405

**Respiratory or skin sensitisation**

**Components:**

**LAURAMIDOPROPYLDIMETHYLAMINE OXIDE:**  
Exposure routes: Inhalation  
Remarks: No data available

Exposure routes: Dermal  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Does not cause skin sensitisation.

**MYRISTAMIDOPROPYLAMINE OXIDE:**  
Exposure routes: Inhalation  
Result: Does not cause respiratory sensitisation.

Test Type: Maximisation Test  
Exposure routes: Dermal  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Does not cause skin sensitisation.
Chronic toxicity

Further information

Product:
Remarks: This product has not been tested as a whole. However, this formula was reviewed by expert toxicologists in the Product Safety Assurance Department of Colgate-Palmolive and is determined to be safe for its intended use. This review has taken into consideration available safety-related information including information on individual ingredients, similar formulas and potential ingredient interactions. This review is a component of the hazard determination used to prepare the statements in Section 3 of the SDS.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

LAURAMIDOPROPYLDIMETHYLAMINE OXIDE:
Toxicity to fish
Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates
EC50 (Daphnia magna (Water flea)): 0.96 mg/l
Exposure time: 48 h
Test Type: static test

Toxicity to algae
Remarks: No data available

Toxicity to fish (Chronic toxicity)
No data available:

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)
No data available:

Persistence and degradability

Components:

LAURAMIDOPROPYLDIMETHYLAMINE OXIDE:
Biodegradability
Result: Readily biodegradable.

Bioaccumulative potential

Components:

LAURAMIDOPROPYLDIMETHYLAMINE OXIDE:
Bioaccumulation
Bioconcentration factor (BCF): 116.3
Particle coefficient: n-octanol/water : log Pow: 3.64

Mobility in soil
No data available

Other adverse effects
Product:
Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues : The product should not be allowed to enter drains, water courses or the soil.

SECTION 14. TRANSPORT INFORMATION

ADG : 7.4
Not regulated.

NZS : 5433
Not regulated.

IATA : 
Not regulated.

IMDG : 
Not regulated.

ADR : 
Not regulated.

International Regulations
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

National Regulations
SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform Scheduling of Medicines and Poisons

- No poison schedule number allocated

Prohibition/Licensing Requirements

- There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

The components of this product are reported in the following inventories:

- AICS: On the inventory, or in compliance with the inventory
- NZIoC: On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50% of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concern-
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Date format: dd.mm.yyyy

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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