Palmolive® Original Dishwashing Liquid

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**ACUTE HEALTH**... 1
**FIRE**.............. 2
**REACTIVITY**...... 0

<table>
<thead>
<tr>
<th>HMIS HAZARD RATING</th>
<th>Least=0</th>
<th>Slight=1</th>
<th>Moderate=2</th>
<th>High=3</th>
<th>Extreme= 4</th>
</tr>
</thead>
</table>

**PRODUCT NAME:** Palmolive® Original Dishwashing Liquid - Regular & Lemon Lime

**LABEL CODE:** 04910 (1 gal), 04911 (5 gal), 46101 (19 oz), 01410 (3.75 oz), 320181 (850 mL)

**CAS NUMBER:** Not applicable - product is a mixture

**GENERAL USE:** Formulated liquid detergent for hand dishwashing.

2. COMPOSITION/INFORMATION ON INGREDIENTS

**OSHA REGULATED COMPONENTS** (present at a concentration > or = 1%):

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>5-10</td>
<td>1000 ppm</td>
<td>1000ppm</td>
</tr>
</tbody>
</table>

The following components, present at a concentration > or = 0.1%, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
</tr>
</thead>
</table>

**3. HAZARDS IDENTIFICATION**

**POTENTIAL HEALTH EFFECTS:**

**EYE CONTACT:** Direct exposure to large amounts of undiluted product causes eye irritation. However, no permanent eye injury is expected.

**SKIN CONTACT:** May cause skin irritation on prolonged or excessive contact with undiluted product.

**INGESTION:** May cause nausea, vomiting and diarrhea and central nervous system depression if ingested in large amounts.

**INHALATION:** No adverse effects expected.

4. FIRST AID MEASURES

**EYE CONTACT:** Flush eye with large amounts of water for 15 minutes. Get medical attention if irritation persists.

**SKIN CONTACT:** Rinse area with plenty of water. Get medical attention if irritation persists.

**INGESTION:** Drink 2-4 ounces of a clear liquid. Get medical attention.

**INHALATION:** Not applicable.

5. FIRE FIGHTING MEASURES

**Flash Point (Method):** 138°F

**Extinguishing Media:** Water spray, CO₂, All-purpose dry chemical

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.

7. HANDLING AND STORAGE:

Store in a tightly closed container in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**GENERAL CONTROLS:** Avoid eye and skin contact.

**PROTECTIVE CLOTHING:** The use of safety goggles and protective gloves is recommended for potential exposure to the product.

**SPECIAL PRECAUTIONS:** Keep out of the reach of children.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and odor</td>
<td>Viscous green liquid. Mild floral odor.</td>
</tr>
<tr>
<td>pH @ 25°C</td>
<td>7.1 ± 0.4</td>
</tr>
<tr>
<td>Specific gravity @ 20°C</td>
<td>1.04 ± 0.02</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

GENERAL: This product is stable. Hazardous polymerization will not occur.
INCOMPATIBLE MATERIALS: Chlorine bleach.
HAZARDOUS DECOMPOSITION: None known.

11. TOXICOLOGICAL INFORMATION

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 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 MSDS.

12. ECOLOGICAL INFORMATION:
Not known.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state, and federal laws and regulations (contact local or state government agency for specific rules). Do not dump into sewers, any body of water, or onto the ground.

14. TRANSPORTATION

This product is not regulated as a DOT hazardous material per exemption 49CFR 173.150(f)(2).

15. REGULATORY INFORMATION

CLEAN WATER ACT:
Contains Sodium Dodecylbenzene Sulfonate which is a Section 311 material.
CLEAN AIR ACT:
Contains Ethanol and Methanol which are Section 111 materials.
SARA:
Sections 301-304 (Threshold planning quantity – TPQ)
Section 313 (Toxic chemical release reporting)
40 CFR 372: The following chemicals must be reported under SARA 313: Not Applicable.
CERCLA:
Section 102 (Reportable Quantity – RQ)
40 CFR 302: The RQ for this product to the environment is 18,181 lbs. based on the presence of Sodium Dodecylbenzene Sulfonate (5.5%).
Releases greater than or equal to 18,181 lbs. must be reported to The National Response Center (NRC) immediately: 800-424-8802.
TSCA Section 8(b) INVENTORY STATUS:
All ingredients in this product are listed on the TSCA Inventory or are not required to be listed on the TSCA Inventory.
NEW JERSEY RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:
This product contains the following components subject to reporting requirements:
Sodium dodecylbenzene sulfonate, ethanol, methanol
PENNSYLVANIA HAZARDOUS SUBSTANCE LIST:
This product contains the following components subject to reporting requirements: None
Sodium dodecylbenzene sulfonate, ethanol
MASSACHUSETTS SUBSTANCE LIST:
This product contains the following components subject to reporting requirements:
Sodium dodecylbenzene sulfonate, ethanol, methanol
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):
This product contains the following components subject to reporting requirements: None
CANADA:
Workplace Hazardous Materials Information System (WHMIS)-listed material.
This product contains the following components subject to reporting requirements:
Sodium dodecylbenzene sulfonate, ethanol

16. OTHER INFORMATION

Effective Date: May 23, 2001
Supersedes MSDS dated February 13, 2001
MSDS Status: Revised Sections 1, 3, 4, 6, 7, 8, 11, 14

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