SECTION 1. IDENTIFICATION

Product name: PALMOLIVE SOFT TOUCH DISHWASHING HAND LIQUID ALOE
Product code: 200000059082

Manufacturer or supplier's details
Company name of supplier: Colgate-Palmolive Co
300 Park Avenue
New York, NY 10022

Telephone: US: Consumer Affairs - 1-800-468-6502
Emergency telephone number: For emergencies involving spill, leak, fire, exposure or accident call CHEMTREC (24hr) at (800) 424-9300 or (703) 527-3887.
Global-CHEMTREC: +1 703-741-5970

Recommended use of the chemical and restrictions on use
Recommended use: dishwashing liquid

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200
Skin irritation: Category 2
Eye irritation: Category 2A

GHS label elements
Hazard pictograms:

Signal word: Warning
Hazard statements: H315 Causes skin irritation.
H319 Causes serious eye irritation.
Precautionary statements: Prevention:
**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMMONIUM LAURYL SULFATE</td>
<td>2235-54-3</td>
<td>&gt;= 5 - &lt; 10</td>
</tr>
<tr>
<td>AMMONIUM LAURETH SULFATE</td>
<td>32612-48-9</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>LAURAMIDOPROPYLDIMETHYLAMINE OXIDE</td>
<td>61792-31-2</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>Isodeceth-6</td>
<td>78330-20-8</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>ETHANOL (ETHYL ALCOHOL)</td>
<td>64-17-5</td>
<td>&gt;= 0.1 - &lt; 1</td>
</tr>
</tbody>
</table>

**SECTION 4. FIRST AID MEASURES**

**General advice**: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

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

**In case of skin contact**: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

**In case of eye contact**: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. 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:
- Causes skin irritation.
- Causes serious eye irritation.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media: High volume water jet
- 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
- Further information: 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

- Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.
- Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion: Normal measures for preventive fire protection.
- Advice on safe handling: Do not breathe vapours/dust. Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage:
- Keep container tightly closed in a dry and well-ventilated place.
- 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.

Further information on storage stability:
- No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL (ETHYL ALCOHOL)</td>
<td>64-17-5</td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1,000 ppm</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1,000 ppm 1,900 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1,000 ppm 1,900 mg/m3</td>
<td>OSHA P0</td>
</tr>
</tbody>
</table>

Personal protective equipment

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

Hand protection

Remarks:
- The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection:
- Eye wash bottle with pure water
- Tightly fitting safety goggles
- Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection:
- Impervious clothing
- Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures:
- When using do not eat or drink.
When using do not smoke. Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : light green, blue

pH : 7

Flash point : No data available

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 : No decomposition if stored and applied as directed.

Conditions to avoid : No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity
Not classified based on available information.

Product:
Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Components:
AMMONIUM LAURYL SULFATE:
Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

AMMONIUM LAURETH SULFATE:
Acute oral toxicity : LD50 (Rat): 630 mg/kg
Acute inhalation toxicity: No data available

Acute dermal toxicity: LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 402

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

Isodeceth-6:
Acute oral toxicity: LD50 (Rat): > 2,000 mg/kg
Acute dermal toxicity: LD50 (Rabbit): > 2,000 mg/kg

ETHANOL (ETHYL ALCOHOL):
Acute oral toxicity: LD50 (Rat): 10,470 mg/kg
Acute inhalation toxicity: LC50 (Rabbit): 124.7 mg/l
Exposure time: 4 h
Test atmosphere: No information available.
Method: No information available.

Acute dermal toxicity: LD50 (Rat): > 15,800 mg/kg
Method: No information available.

Skin corrosion/irritation
Causes skin irritation.

Components:

AMMONIUM LAURYL SULFATE:
Result: Severe skin irritation

AMMONIUM LAURETH SULFATE:
Result: Severe skin irritation

LAURAMIDOPROPYLDIMETHYLAMINE OXIDE:
Result: Severe skin irritation

Isodeceth-6:
Result: Mild skin irritation
ETHANOL (ETHYL ALCOHOL):
Result : No skin irritation

Serious eye damage/eye irritation
Causes serious eye irritation.

Components:
AMMONIUM LAURYL SULFATE:
Result : irritant

AMMONIUM LAURETH SULFATE:
Result : Irritation to eyes, reversing within 21 days

Lauramidopropyl dimethylamine oxide:
Result : Irreversible effects on the eye

Isodeceth-6:
Result : Moderate eye irritation

ETHANOL (ETHYL ALCOHOL):
Species : Rabbit
Result : Moderate eye irritation

Respiratory or skin sensitisation
Skin sensitisation
Not classified based on available information.
Respiratory sensitisation
Not classified based on available information.

Components:
AMMONIUM LAURYL SULFATE:
Exposure routes : Inhalation
Remarks : No data available

AMMONIUM LAURETH SULFATE:
Exposure routes : Inhalation
Remarks : No data available

Exposure routes : Dermal
Result : Does not cause skin sensitisation.
This industrial Safety Data Sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Version 1.1  Revision Date: 12/27/2019  SDS Number: 660000008806  Date of last issue: 07/02/2019  Date of first issue: 07/02/2019

### 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.

### Isodeceth-6:

**Exposure routes:** Inhalation  
**Result:** No data available

**Exposure routes:** Dermal  
**Result:** Not a skin sensitizer.

### ETHANOL (ETHYL ALCOHOL):

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

**Exposure routes:** Dermal  
**Result:** Does not cause skin sensitisation.

### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

### IARC

Group 1: Carcinogenic to humans This product is not expected to exhibit carcinogenic effects. Exposure through ingestion of Ethanol (64-17-5) is not applicable to the intended use of this product.

**ETHANOL (ETHYL ALCOHOL) 64-17-5**

### OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.

### NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Reproductive toxicity

Not classified based on available information.

### STOT - single exposure

Not classified based on available information.
STOT - repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

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 2 of the SDS.

SECTION 12. ECOLOGICAL INFORMATION

The product has not been tested as a whole for environmental toxicity. However, environmental information on the ingredients in this product have been reviewed by the Environmental Occupational Health and Safety group of Colgate-Palmolive and determined to have an acceptable environmental profile. This evaluation is based on available information on individual ingredients, interactions of ingredients, and similar ingredients. Biodegradability claims are supported by data on ingredients (i.e., surfactants are biodegradable).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues: The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Contaminated packaging: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

DOT
SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Component RQ (lbs)</th>
<th>Calculated product RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
<td>100</td>
<td>100 (F003)</td>
</tr>
</tbody>
</table>

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards:
- Skin corrosion or irritation
- Serious eye damage or eye irritation

SARA 313:
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act
The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

SULFURIC ACID  7664-93-9
SODIUM HYDROXIDE  1310-73-2
ACETALDEHYDE  75-07-0

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

SULFURIC ACID  7664-93-9
SODIUM HYDROXIDE  1310-73-2
ACETALDEHYDE  75-07-0

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

WATER  7732-18-5
Sodium Chloride  7647-14-5
TRISODIUM NITRILOTRIACETATE  5064-31-3
SULFURIC ACID  7664-93-9
ACETALDEHYDE  75-07-0

Pennsylvania Right To Know

WATER  7732-18-5
AMMONIUM LAURYL SULFATE  2235-54-3
AMMONIUM LAURETH SULFATE  32612-48-9
AMMONIUM SULFATE  7783-20-2
SODIUM SULFATE  7757-82-6
METHANOL  67-56-1

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

TSCA : All ingredients in this product are listed on the TSCA Inventory or are not required to be listed on the TSCA Inventory.

TSCA list
No substances are subject to TSCA 12(b) export notification requirements.

No substances are subject to a Significant New Use Rule.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations
AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensa-
PALMOLIVE SOFT TOUCH DISHWASHING HAND LIQUID ALOE
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Further information

NFPA:

HMHIS® IV:

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>/ 2</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

HMHIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "***" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.