



## PALMOLIVE ULTRA DISHWASHING HAND LIQUID ORIGINAL

This industrial Material 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 10/23/2013

Print Date 11/26/2013

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** : PALMOLIVE ULTRA DISHWASHING HAND LIQUID ORIGINAL  
**MSDS Number** : 200000037357  
**CAS-No.** : Not applicable - product is a mixture  
**General Use** : A formulated dishwashing liquid

**Company** : Colgate-Palmolive Co  
300 Park Avenue  
New York, NY 10022

**Telephone** :  
**Emergency telephone number** : For emergencies involving spill, leak, fire, exposure or accident call CHEMTREC (24hr) at (800) 424-9300 or (703) 527-3887.

**Medical Emergency (24HR):** For MEDICAL EMERGENCIES involving this product call: (888) 489-3861

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

**Form** : Liquid  
**Appearance** : Bluish green  
**Odour** : Characteristic

#### Potential Health Effects

**Eye contact** : Causes eye irritation on direct contact.  
**Skin contact** : May cause skin irritation upon prolonged contact.  
**Inhalation** : Overexposure may cause respiratory tract irritation.  
**Ingestion** : Harmful if swallowed.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

OSHA-REGULATED COMPONENTS (present at a concentration of > or = 1%)

Chemical Name	CAS-No.	Concentration *
LAURAMIDOPROPYLDIMETHYLAMINE OXIDE	61792-31-2	1.00 - 5.00



## PALMOLIVE ULTRA DISHWASHING HAND LIQUID ORIGINAL

This industrial Material 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 10/23/2013

Print Date 11/26/2013

ETHANOL (ETHYL ALCOHOL)	64-17-5	1.00 - 5.00
MYRISTAMIDOPROPYLAMINE OXIDE	67806-10-4	1.00 - 5.00

\*All concentrations are present by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### **Carcinogenicity:**

Listed Carcinogens: The following components, present at a concentration of > 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), OSHA or ACGIH

---

<b>IARC</b>	ETHANOL (ETHYL ALCOHOL)	64-17-5
-------------	-------------------------	---------

This finished consumer 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.

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

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.

<b>ACGIH</b>	ETHANOL (ETHYL ALCOHOL)	64-17-5
--------------	-------------------------	---------

This finished consumer 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.

---

## SECTION 4. FIRST AID MEASURES

### **First aid procedures**

- Eye contact** : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
- Skin contact** : Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
- Inhalation** : Remove victim to fresh air. Get medical attention, if symptoms persist.
- Ingestion** : Drink 8 ounces of clear water. Get medical attention.

---

## SECTION 5. FIREFIGHTING MEASURES

### **Flammable properties**

**Flash point** : 166 °F (74 °C)



## PALMOLIVE ULTRA DISHWASHING HAND LIQUID ORIGINAL

This industrial Material 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 10/23/2013

Print Date 11/26/2013

### Fire fighting

**Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Protective equipment and precautions for firefighters

**Special protective equipment for firefighters** : Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Use personal protection recommended in Section 8 of the MSDS.

**Methods for containment / Methods for cleaning up** : Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.

## SECTION 7. HANDLING AND STORAGE

### Storage

**Requirements for storage areas and containers** : Store at controlled room temperature at 20-25°C (68-77°F).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Components with workplace control parameters

Chemical Name	CAS-No.	Value	Exposure Limits	Source	Notes
ETHANOL (ETHYL ALCOHOL)	64-17-5	STEL	1,000 ppm	ACGIH	
		REL	1,000 ppm 1,900 mg/m <sup>3</sup>	NIOSH/GUIDE	
		PEL	1,000 ppm 1,900 mg/m <sup>3</sup>	OSHA_TRANS	



## PALMOLIVE ULTRA DISHWASHING HAND LIQUID ORIGINAL

This industrial Material 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 10/23/2013

Print Date 11/26/2013

		TWA	1,000 ppm 1,900 mg/m3	Z1A	
--	--	-----	--------------------------	-----	--

**Engineering Controls** : In an industrial work environment, no special precautions or control measures are required.

### Personal protective equipment

**Protective measures** : In an industrial work environment, if a splash is likely, chemical goggles may be needed. Prolonged skin contact may require protective gloves. For consumer use, no unusual precautions are necessary.

**General Hygiene Considerations** : In an industrial work environment, avoid eye and prolonged skin contact.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** : Liquid  
**Appearance** : Bluish green  
**Odour** : Characteristic  
**Flash point** : 166 °F (74 °C)  
**pH** : 6.5 - 7.3  
**Density** :  $\geq 1.00$  g/cm<sup>3</sup>

## SECTION 10. STABILITY AND REACTIVITY

**Materials to avoid** : Remarks: Strong oxidizing agents  
**Hazardous decomposition products** : Note: None known.  
**Hazardous reactions** : Hazardous polymerisation does not occur.

## SECTION 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



## PALMOLIVE ULTRA DISHWASHING HAND LIQUID ORIGINAL

*This industrial Material 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 10/23/2013

Print Date 11/26/2013

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 MSDS.

### SECTION 12. ECOLOGICAL INFORMATION

No data available

### SECTION 13. DISPOSAL CONSIDERATIONS

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

### SECTION 14. TRANSPORT INFORMATION

DOT : Not regulated.

TDG : Not regulated.

IATA : Not regulated.

IMDG : Not regulated.

### SECTION 15. REGULATORY INFORMATION

#### US Regulations

#### SARA

Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A) : FORMALDEHYDE  
Sulfuric Acid

CERCLA Hazardous Substance List (40 CFR 302.4) - Reportable Quantity : 7567 lbs  
ETHANOL (ETHYL ALCOHOL)



**PALMOLIVE ULTRA DISHWASHING HAND LIQUID ORIGINAL**

*This industrial Material 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 10/23/2013

Print Date 11/26/2013

2500000 lbs

FORMALDEHYDE

7092199 lbs

METHANOL

**Clean Air Act**

**Clean Air Act 111 Standards of Performance for New Stationary Sources** : ETHANOL (ETHYL ALCOHOL)  
FORMALDEHYDE  
METHANOL

**Clean Water Act**

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)** : FORMALDEHYDE  
Sulfuric Acid  
SODIUM BISULFITE

**State Regulations**

**Massachusetts Right-To-Know List** : ETHANOL (ETHYL ALCOHOL)  
FORMALDEHYDE  
Sulfuric Acid

**New Jersey Right-To-Know List** : WATER  
ETHANOL (ETHYL ALCOHOL)  
SODIUM CHLORIDE  
LAURAMIDOPROPYLDIMETHYLAMINE OXIDE  
Oxirane, 2-methyl-, polymer with oxirane  
C12-C15 0.6EO Ammonium Sulfate

**Pennsylvania Right-To-Know List** : WATER

## PALMOLIVE ULTRA DISHWASHING HAND LIQUID ORIGINAL

*This industrial Material 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 10/23/2013

Print Date 11/26/2013

ETHANOL (ETHYL ALCOHOL)

LAURAMIDOPROPYLDIMETHYLAMINE OXIDE

C12-C15 0.6EO Ammonium Sulfate

### Canada

**Canadian Workplace Hazardous Materials Information System (WHMIS) Listed Material** : ETHANOL (ETHYL ALCOHOL)

**Canadian Controlled Products Regulations:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

### Other Information

**TSCA Section 8(b) Status** : All ingredients in this product are listed on the TSCA Inventory or are not required to be listed on the TSCA Inventory.

In accordance with OSHA 29 CFR 1910.1048 formaldehyde is not listed in Section 3 of this MSDS, however, formaldehyde is regulated by State and Federal regulations at varying concentrations. State and Federal information can be found above in Section 15.

---

## SECTION 16. OTHER INFORMATION

### Further information

MSDS Number : 200000037357

Disclaimer: The information on this sheet is limited to the material identified and is believed by the Colgate-Palmolive Company to be correct based on its knowledge and information as of the date noted. Colgate makes no representation, guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material.