



## PALMOLIVE DISHWASH HAND LIQUID-ORCHARD FRESH/RUBY RED GRAPEFRUIT

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Version 1.1

SDS Number: 660000000230

Revision Date: 05/26/2015

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PALMOLIVE DISHWASH HAND LIQUID-ORCHARD FRESH/RUBY RED GRAPEFRUIT

Product code : 200000025370

: B02921480008

#### Manufacturer or supplier's details

Company : 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.

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

#### Recommended use of the chemical and restrictions on use

Recommended use : Home care  
A formulated dishwashing liquid

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance	liquid
Colour	dark red

#### GHS Classification

Skin sensitisation : Category 1

#### GHS Label element

Hazard pictograms :



Signal word : Warning



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Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements : **Prevention:**  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves.  
**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P363 Wash contaminated clothing before reuse.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Potential Health Effects

Inhalation : Overexposure may cause respiratory tract irritation.

Skin : May cause skin irritation upon prolonged contact.

Eyes : Causes eye irritation on direct contact.

Ingestion : Harmful if swallowed.

Aggravated Medical Condition : None known.

### Carcinogenicity:

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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

**OSHA** 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.

**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.

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components



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Chemical Name	CAS-No.	Concentration (%)
D-LIMONENE	5989-27-5	>= 0.1 - < 1

### SECTION 4. FIRST AID MEASURES

- If inhaled : Remove victim to fresh air. Get medical attention, if symptoms persist.
- In case of skin contact : Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
- If swallowed : Drink 8 ounces of clear water. Get medical attention.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Hazardous combustion products : No hazardous combustion products are known
- 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, protective equipment and emergency procedures : Use personal protection recommended in Section 8 of the SDS.
- Methods and materials for containment and 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

- Conditions for safe storage : Store at controlled room temperature at 20-25°C (68-77°F).



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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

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

#### Personal protective equipment

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

**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.

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

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : liquid

**Colour** : dark red

**pH** : 7.2

**Flash point** : > 200 °F

**Density** :  $\geq 1.00$  g/cm<sup>3</sup>

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### SECTION 10. STABILITY AND REACTIVITY

**Possibility of hazardous reactions** : Hazardous polymerisation does not occur.

**Incompatible materials** : Strong oxidizing agents

**Hazardous decomposition products** : None known.



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### 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:

##### **D-LIMONENE:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

#### Skin corrosion/irritation

Not classified based on available information.

#### Components:

##### **D-LIMONENE:**

Result: Irritating to skin.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Components:

##### **D-LIMONENE:**

Result: No eye irritation

#### Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

#### Components:

##### **D-LIMONENE:**

Exposure routes: Inhalation

Remarks: No data available

Exposure routes: Dermal

Result: May cause sensitisation by skin contact.

#### Germ cell mutagenicity

Not classified based on available information.



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### **Carcinogenicity**

Not classified based on available information.

### **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 3 of the SDS.

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## **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, 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) or testing conducted on the final product (i.e., This product is biodegradable).

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Waste from residues : 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.

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## **SECTION 14. TRANSPORT INFORMATION**

**DOT** : Not regulated.

**TDG** : Not regulated.





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### Clean Water Act

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

FORMALDEHYDE	50-00-0
SODIUM BISULFITE	7631-90-5
Sulfuric Acid	SULFURIC ACID

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

FORMALDEHYDE	50-00-0
SODIUM BISULFITE	7631-90-5
Sulfuric Acid	SULFURIC ACID

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

### Massachusetts Right To Know

FORMALDEHYDE	50-00-0
Sulfuric Acid	SULFURIC ACID

### Pennsylvania Right To Know

WATER	Water
AMMONIUM ALCOHOL ETHER SULFATE	Not Assigned
AMMONIUM SULFATE	7783-20-2

### New Jersey Right To Know

WATER	Water
AMMONIUM ALCOHOL ETHER SULFATE	Not Assigned
LAURAMIDOPROPYLDIMETHYLAMINE OXIDE	61792-31-2

**California Prop 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### 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.

### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)



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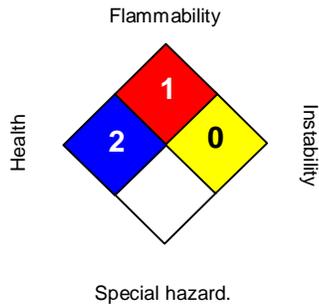
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**SECTION 16. OTHER INFORMATION**

**Further information**

**NFPA:**



**HMIS III:**

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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.