

# Palmolive® Liquid Gel Automatic Dishwashing Detergent

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

**COLGATE-PALMOLIVE COMPANY**  
Institutional Products Division  
191 East Hanover Avenue  
Morristown, NJ 07960-3151

HMIS HAZARD RATING				
Least=0	Slight=1	Moderate=2	High=3	Extreme= 4

For consumer information: Call (800) 432-8226

PRODUCT NAME: Palmolive® Liquid Gel Automatic Dishwashing Detergent  
LABEL CODE: 42702 (Lemon), 47700 (Baking Soda Fresh)  
CAS NUMBER: Not applicable - product is a mixture  
GENERAL USE: Formulated liquid gel detergent for use ONLY in automatic dishwashers.

EMERGENCY TELEPHONE NUMBER: For emergency involving spill, leak, fire, exposure or accident, call CHEMTREC: (800) 424-9300, day or night.

THE PITTSBURGH POISON CENTER HAS BEEN PROVIDED SPECIFIC INFORMATION FOR USE IN MEDICAL EMERGENCIES INVOLVING THIS PRODUCT: CALL COLLECT: (412) 692-5596.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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

Component	CAS #	%	PEL	TLV
Potassium Hydroxide	1310-58-3	1-5	NE	2 mg/m <sup>3</sup>

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:

Component	CAS #	%	PEL	TLV
None - not applicable				

## 3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

- EYE CONTACT: Causes severe irritation upon direct contact.
- SKIN CONTACT: Causes irritation upon prolonged contact.
- INGESTION: Harmful if swallowed. Causes nausea, vomiting and diarrhea.
- INHALATION: Under unusual conditions, sufficient chlorine might be released to cause minor respiratory tract irritation.

## 4. FIRST AID MEASURES

- EYE CONTACT: Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.
- SKIN CONTACT: Flush skin with large amounts of water for 15 minutes. If irritation occurs, discontinue use. Get medical attention if irritation persists.
- INGESTION: Drink 2-4 ounces of a clear liquid. Get medical attention.
- INHALATION: Remove victim to fresh air. Get medical attention if symptoms persist.

## 5. FIRE FIGHTING MEASURES

- Flash Point (Method): Not established
- Extinguishing Media: Water spray, CO<sub>2</sub>, All-purpose dry chemical
- SPECIAL FIRE FIGHTING PROCEDURES: This product may produce irritating or poisonous gases upon thermal decomposition. 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 cool, dry, well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- GENERAL CONTROLS: Avoid contact with eyes.
- PROTECTIVE CLOTHING: Under normal conditions of use, no special precautions or control measures are required. In processing or packaging operations where repeated skin or eye contact are possible, the use of safety goggles and rubber gloves is recommended.
- SPECIAL PRECAUTIONS: Keep out of the reach of children.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor:	Translucent blue-green or yellow viscous liquid. Floral citrus scent.	Solubility in water:	Very soluble
Specific gravity:	1.24 ± 0.04	pH (1% solution):	11.5 ± 0.3

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## 10. STABILITY AND REACTIVITY

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

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## 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.

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## 12. ECOLOGICAL INFORMATION:

Not Available.

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## 13. DISPOSAL CONSIDERATIONS

Small quantities generated by consumer use may be disposed of in a sanitary sewer with large quantities of water. Empty containers generated by consumer use may be disposed of as conventional waste.

Large quantities may be disposed of in an approved landfill or incinerated at a licensed approved facility. 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.

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## 14. TRANSPORTATION

This product is not regulated as a DOT hazardous material.

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## 15. REGULATORY INFORMATION

RCRA (40 CFR 261, Subpart D): Not Applicable.

### CLEAN WATER ACT:

Contains Sodium Hypochlorite, Pentasodium Triphosphate, Potassium Hydroxide, and Sodium Hydroxide which are Section 311 materials.

CLEAN AIR ACT: Not Applicable.

### SARA:

Sections 301-304 (Threshold planning quantity – TPQ)  
40 CFR 355: Not Applicable.

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 28,571 lbs. based on the presence of Potassium Hydroxide (3.5%). Releases greater than or equal to 28,571 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 hypochlorite, potassium hydroxide, sodium hydroxide

### PENNSYLVANIA HAZARDOUS SUBSTANCE LIST:

This product contains the following components subject to reporting requirements: None  
Pentasodium triphosphate, sodium hypochlorite, potassium hydroxide

### MASSACHUSETTS SUBSTANCE LIST:

This product contains the following components subject to reporting requirements:  
Pentasodium triphosphate, sodium hypochlorite, potassium hydroxide, sodium hydroxide

### 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 hypochlorite, potassium hydroxide,

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## 16. OTHER INFORMATION

Effective Date: July 11, 2000

Supersedes MSDS dated April 12, 1999

MSDS Status: Revised Sections 1, 8

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-Palmolive 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.

