

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

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Morristown, NJ 07960-1928

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

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.

For MEDICAL EMERGENCIES involving this product call (888) 489-3861.

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 ³

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.
 INHALATION: Overexposure causes 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: Rinse area with large amounts of water. Get medical attention if irritation persists.
 INGESTION: Drink 1-2 glasses of water. 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, CO₂, All-purpose dry chemical
 SPECIAL FIRE FIGHTING PROCEDURES: May produce irritating or poisonous gases on 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 tightly closed container in a cool, dry, well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONTROLS: Avoid eye and skin contact
 PROTECTIVE CLOTHING: The use of safety goggles and rubber gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

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

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.

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

CANADA:

Workplace Hazardous Materials Information System (WHMIS)-listed material.

This product contains the following components subject to reporting requirements:

Sodium hypochlorite, potassium hydroxide,

16. OTHER INFORMATION

Effective Date: September 3, 2003

Supersedes MSDS dated May 16, 2002

MSDS Status: Revised Sections 1, 3, 4, 7,8

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.