

MATERIAL SAFETY DATA SHEET

Palmolive® Dishwashing Liquid and Antibacterial Hand Soap

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

COLGATE-PALMOLIVE COMPANY
Commercial Customer Group
191 East Hanover Avenue
Morristown, NJ 07962-1928

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

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

PRODUCT NAME: Palmolive® Dishwashing Liquid and Antibacterial Hand Soap – Orange, Lemon Yellow
LABEL CODE: 04930 (1 gal), 320182 (850 ml), 47922 (19 oz); 320214 (850 ml Lemon)
CAS NUMBER: Not applicable - product is a mixture
GENERAL USE: Formulated liquid detergent for hand dishwashing.

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
Ethanol	64-17-5	5-10	1000 ppm	1000 ppm

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 eye irritation on direct contact.
SKIN CONTACT: May cause skin irritation on prolonged or repeated contact.
INGESTION: May be harmful if swallowed in large amounts.
INHALATION: No adverse effects expected.

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 plenty of water. Get medical attention if irritation persists.
INGESTION: Drink 1 – 2 glasses of water. Get medical attention.
INHALATION: Not applicable.

5. FIRE FIGHTING MEASURES

Flash Point (Method): 137°F for orange; 141°F for lemon yellow
Extinguishing Media: Water spray, all-purpose dry chemical, CO₂
SPECIAL FIRE FIGHTING PROCEDURES: 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 area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Liquid
Specific gravity @ 20°C: 1.05 ± 0.02

pH @ 25°C: 6.9 ± 0.4

10. STABILITY AND REACTIVITY

GENERAL: This product is stable. Hazardous polymerization will not occur.
INCOMPATIBLE MATERIALS: Chlorine bleach.
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 per exemption 49CFR 173.150(f)(2).

15. REGULATORY INFORMATION

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

CLEAN WATER ACT:

Contains sodium dodecylbenzene sulfonate, sodium bisulfite and sodium hydroxide which are Section 311 materials.

CLEAN AIR ACT:

Contains ethanol and methanol which are Section 111 materials.

SARA:

Sections 301-304 (Threshold planning quantity – TPQ)
40 CFR 355: No TPQ for any component.
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 12,500 lbs. based on the presence of sodium dodecylbenzene sulfonate (5.5%).
Releases greater than or equal to 12,500 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 dodecylbenzene sulfonate, ethanol, methanol sodium bisulfite, sodium hydroxide, hydrogen peroxide

PENNSYLVANIA HAZARDOUS SUBSTANCE LIST:

This product contains the following components subject to reporting requirements: Sodium dodecylbenzene sulfonate, ethanol

MASSACHUSETTS SUBSTANCE LIST:

This product contains the following components subject to reporting requirements:
Sodium dodecylbenzene sulfonate, ethanol, methanol, sodium bisulfite, sodium hydroxide, hydrogen peroxide

CANADA:

Workplace Hazardous Materials Information System (WHMIS)-listed material.
This product contains the following components subject to reporting requirements:
Sodium dodecylbenzene sulfonate, ethanol

16. OTHER INFORMATION

Effective Date: July 6, 2004
Supersedes MSDS dated May 1, 2003
MSDS Status: revised sections 1,3,4

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.