



COLGATE-PALMOLIVE Company
MATERIAL SAFETY DATA SHEET

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.

Palmolive Automatic Dishwashing Detergent Gel

Effective Date: January 20, 2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<p>COLGATE-PALMOLIVE COMPANY 300 Park Avenue New York NY 10022</p> <p>PRODUCT NAME: Palmolive Liquid Gel Automatic Dishwashing Detergent CAS NUMBER: Not applicable – product is a mixture GENERAL USE: Formulated liquid gel for use only in automatic dishwashers.</p>	<p>EMERGENCY TELEPHONE NUMBER: For emergency involving spill, leak, fire, exposure or accident, call CHEMTREC (800) 424-9300, day or night</p> <p>For MEDICAL EMERGENCIES involving this product call (888) 489-3861</p>
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2. COMPOSITION/INFORMATION ON INGREDIENTS

<p>OSHA-REGULATED COMPONENTS (present at a concentration of > or = 1%):</p> <table border="1"> <thead> <tr> <th>Component</th> <th>CAS#</th> <th>%</th> <th>PEL</th> <th>TLV</th> </tr> </thead> <tbody> <tr> <td>Sodium hydroxide</td> <td>1310-73-2</td> <td>1-5</td> <td>2 mg/m3 ceiling</td> <td>2 mg/m3</td> </tr> </tbody> </table>	Component	CAS#	%	PEL	TLV	Sodium hydroxide	1310-73-2	1-5	2 mg/m3 ceiling	2 mg/m3	<p>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) or OSHA:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>CAS#</th> <th>%</th> <th>PEL</th> <th>TLV</th> </tr> </thead> <tbody> <tr> <td>Not Applicable</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Component	CAS#	%	PEL	TLV	Not Applicable				
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Not Applicable																					

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Causes severe irritation on direct contact.

SKIN CONTACT: Causes skin irritation on prolonged or repeated 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 plenty 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 Applicable

Extinguishing Media: Water spray, all-purpose dry chemical, CO₂.

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 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: Translucent blue, blue-green, yellow or pink viscous liquid.

Specific gravity: 1.24 +/- 0.04

pH (1% solution): 11.5 +/- 0.3

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 environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground.

14. TRANSPORTATION

Palmolive Automatic Dishwashing Detergent Gel

Not regulated as a DOT hazardous material.

15. REGULATORY INFORMATION

<p>RCRA (40 CFR 261, Subpart D): Not Applicable</p> <p>CLEAN WATER ACT: Contains pentasodium triphosphate, sodium hydroxide and sodium hypochlorite which are Section 311 materials.</p> <p>CLEAN AIR ACT: Not Applicable</p> <p>SARA: Sections 301-304 (Threshold planning quantity - TPQ) 40 CFR 355: No TPQ for any component. Not Applicable</p> <p>Section 313 (Toxic chemical release reporting) 40 CFR 372: The following chemicals must be reported under SARA 313: Not Applicable</p> <p>CERCLA: Section 102 (Reportable Quantity - RQ) 40 CFR 302: The Reportable Quantity (RQ) for this product to the environment is 8,333 lbs. based on the presence of sodium hypochlorite (1.2%). Releases greater than or equal to 8,333 lbs. must be reported to the National Response Center (NRC) immediately: 800-424-8802.</p>	<p>New Jersey Right to Know Hazardous Substance List: This product contains the following components subject to reporting requirements: Pentasodium triphosphate, sodium hydroxide, sodium hypochlorite</p> <p>Pennsylvania Hazardous Substance List: This product contains the following components subject to reporting requirements: Pentasodium triphosphate, sodium hydroxide, sodium hypochlorite. Silicon dioxide(Spring Blossom variant)</p> <p>Massachusetts Substance List: This product contains the following components subject to reporting requirements: Pentasodium triphosphate, sodium hydroxide, sodium hypochlorite. Silicon dioxide(Spring Blossom variant)</p> <p>Canada: Workplace Hazardous materials Information System (WHMIS)-listed material. This product contains the following components subject to reporting requirements: Sodium hydroxide, sodium hypochlorite</p> <p>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.</p>
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16. OTHER INFORMATION

Effective Date: January 20, 2005
Supersedes MSDS dated October 23, 2003
MSDS Status: Revised sections 1

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.