



*This industrial Material Safety Data Sheet is not intended for consumers and does not address consumer use of the product.*

**Palmolive Automatic Dishwashing Detergent Solid**

Effective Date: August 18, 2006

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<p><b>COLGATE-PALMOLIVE COMPANY</b>  <b>Commercial Customer Group</b>  <b>191 East Hanover Avenue</b>  <b>Morristown NJ 07960-3151</b></p> <p>PRODUCT NAME: Palmolive Solid Automatic Dishwashing Detergent Solid  CAS NUMBER: Not applicable – product is a mixture  GENERAL USE: Formulated solid detergent for machine dishwashing.</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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<p><b>2. COMPOSITION/INFORMATION ON INGREDIENTS</b></p> <p>OSHA-REGULATED COMPONENTS (present at a concentration of &gt; or = 1%):</p> <table border="0"> <thead> <tr> <th>Component</th> <th>CAS#</th> <th>%</th> <th>PEL</th> <th>TLV</th> </tr> </thead> <tbody> <tr> <td colspan="5">Not Applicable</td> </tr> </tbody> </table>	Component	CAS#	%	PEL	TLV	Not Applicable					<p>The following components, present at a concentration of &gt; 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="0"> <thead> <tr> <th>Component</th> <th>CAS#</th> <th>%</th> <th>PEL</th> <th>TLV</th> </tr> </thead> <tbody> <tr> <td colspan="5">Not Applicable</td> </tr> </tbody> </table>	Component	CAS#	%	PEL	TLV	Not Applicable				
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**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: Inhalation of dust may cause 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.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires.

Contains sodium dichloroisocyanurate dihydrate which reacts with water to form chlorine bleach.

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## 6. ACCIDENTAL RELEASE MEASURES

Collect and remove to disposal container without creating a dust condition. Spill area may be slippery. Flush with plenty of water.

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## 7. HANDLING AND STORAGE

Store in a tightly closed container in a cool, dry, well-ventilated area.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONTROLS: Avoid eye and skin contact.

PROTECTIVE CLOTHING: The use of safety goggles and protective gloves is recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Tablets  
pH (1% solution): 10.8 +/- 0.3

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## 10. STABILITY AND REACTIVITY

GENERAL: This product is stable. Hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS: Product contains sodium dichloroisocyanurate which reacts with water to form chlorine bleach.

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

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.

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## 14. TRANSPORTATION

Not regulated as a DOT hazardous material.

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## 15. REGULATORY INFORMATION

Palmolive Automatic Dishwashing Detergent Solid

<p><b>RCRA</b> (40 CFR 261, Subpart D): Not Applicable</p> <p><b>CLEAN WATER ACT:</b> Contains pentasodium triphosphate which is a Section 311 material.</p> <p><b>CLEAN AIR ACT:</b> Not Applicable</p> <p><b>SARA:</b> Sections 301-304 (Threshold planning quantity - TPQ) 40 CFR 355: No TPQ for any component. Not Applicable</p> <p><b>Section 313</b> (Toxic chemical release reporting) 40 CFR 372: The following chemicals must be reported under SARA 313: Not Applicable</p> <p><b>CERCLA:</b> Section 102 (Reportable Quantity - RQ) 40 CFR 302: The Reportable Quantity (RQ) for this product to the environment is 14,925 lbs. based on the presence of Pentasodium triphosphate (33.5%). Releases greater than or equal to 14,925 lbs. must be reported to the National Response Center (NRC) immediately: 800-424-8802.</p>	<p><b>New Jersey Right to Know Hazardous Substance List:</b> This product contains the following components subject to reporting requirements: Pentasodium triphosphate, sodium dichloroisocyanurate</p> <p><b>Pennsylvania Hazardous Substance List:</b> This product contains the following components subject to reporting requirements: Pentasodium triphosphate, sodium sulfate, sodium dichloroisocyanurate</p> <p><b>Massachusetts Substance List:</b> This product contains the following components subject to reporting requirements: Pentasodium triphosphate, sodium sulfate, sodium dichloroisocyanurate</p> <p><b>Canada: Workplace Hazardous materials Information System (WHMIS)-listed material.</b> This product contains the following components subject to reporting requirements: Sodium carbonate, sodium dichloroisocyanurate</p> <p><b>TSCA Section 8(b) Inventory Status:</b> 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: August 18, 2006  
 Supersedes MSDS dated November 26, 2003  
 MSDS Status: Revised Sections, 1,15

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.