



**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.*

**Ajax Cleanser with Bleach**

Effective Date: January 26, 2005

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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| <p><b>COLGATE-PALMOLIVE COMPANY</b><br/> <b>300 Park Avenue</b><br/> <b>New York NY 10022</b></p> <p>PRODUCT NAME: Ajax Cleanser with Bleach<br/> CAS NUMBER: Not applicable – product is a mixture<br/> GENERAL USE: Formulated powder scouring cleanser.</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 &gt; 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>Calcium Carbonate</td> <td>1317-65-3</td> <td>85-90</td> <td>5 mg/m3</td> <td>10 mg/m3</td> </tr> <tr> <td>Magnesium Oxide</td> <td>1309-48-4</td> <td>1-5</td> <td>15 mg/m3</td> <td>10 mg/m3</td> </tr> </tbody> </table> | Component  | CAS#  | %        | PEL        | TLV | Calcium Carbonate | 1317-65-3 | 85-90 | 5 mg/m3 | 10 mg/m3 | Magnesium Oxide | 1309-48-4 | 1-5 | 15 mg/m3 | 10 mg/m3 | <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="1"> <thead> <tr> <th>Component</th> <th>CAS#</th> <th>%</th> <th>PEL</th> <th>TLV</th> </tr> </thead> <tbody> <tr> <td>Crystalline silica</td> <td>14808-60-7</td> <td>0.7</td> <td>NE</td> <td>0.05 mg/m3</td> </tr> </tbody> </table> | Component | CAS# | % | PEL | TLV | Crystalline silica | 14808-60-7 | 0.7 | NE | 0.05 mg/m3 |
|--|------------|-------|----------|------------|-----|-------------------|-----------|-------|---------|----------|-----------------|-----------|-----|----------|----------|---|-----------|------|---|-----|-----|--------------------|------------|-----|----|------------|
| Component  | CAS#       | %     | PEL      | TLV        |     |                   |           |       |         |          |                 |           |     |          |          |   |           |      |   |     |     |                    |            |     |    |            |
| Calcium Carbonate  | 1317-65-3  | 85-90 | 5 mg/m3  | 10 mg/m3   |     |                   |           |       |         |          |                 |           |     |          |          |   |           |      |   |     |     |                    |            |     |    |            |
| Magnesium Oxide  | 1309-48-4  | 1-5   | 15 mg/m3 | 10 mg/m3   |     |                   |           |       |         |          |                 |           |     |          |          |   |           |      |   |     |     |                    |            |     |    |            |
| Component  | CAS#       | %     | PEL      | TLV        |     |                   |           |       |         |          |                 |           |     |          |          |   |           |      |   |     |     |                    |            |     |    |            |
| Crystalline silica   | 14808-60-7 | 0.7   | NE       | 0.05 mg/m3 |     |                   |           |       |         |          |                 |           |     |          |          |   |           |      |   |     |     |                    |            |     |    |            |

**3. HAZARDS IDENTIFICATION**

**POTENTIAL HEALTH EFFECTS**

**EYE CONTACT:** Causes eye irritation on direct contact.

**SKIN CONTACT:** May cause skin irritation. May cause dermatitis on prolonged or repeated contact .

**INGESTION:** May be harmful if swallowed in large quantities.

**INHALATION:** Overexposure to dust may cause respiratory irritation.

**CHRONIC:** This product contains a small amount of crystalline silica, a naturally occurring impurity in calcium carbonate. NTP has listed crystalline silica as a known human carcinogen based on increased lung cancer rates in workers exposed to respirable-size (breathable) crystalline silica, primarily quartz and cristobalite, that are generated during sandblasting or similar activities in an occupational setting. IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans. However, no significant health risk to employees is expected during product manufacturing or occupational use.

**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 2-4 ounces of water. Get medical attention.

INHALATION: Remove victim to fresh air. Get medical attention if symptoms persist.

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## 5. FIRE FIGHTING MEASURES

Flash Point (Method): Not Applicable

Extinguishing Media: Water spray, all-purpose dry chemical, CO<sub>2</sub>.

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

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## 6. ACCIDENTAL RELEASE MEASURES

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 area. Keep container closed to avoid absorption of moisture from air and possible loss of bleaching function.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONTROLS: Avoid eye contact. Avoid inhalation of dust.

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fine, white powder which turns blue when wet.

Specific gravity: 1.2

pH (as is): 10.7

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## 10. STABILITY AND REACTIVITY

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

INCOMPATIBLE MATERIALS: Avoid contact with strong acids, alkalis and oxidizing agents.

HAZARDOUS DECOMPOSITION: May produce irritating and/or toxic fumes upon thermal decomposition.

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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.

#### 15. REGULATORY INFORMATION

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| <p><b>RCRA</b> (40 CFR 261, Subpart D): Not Applicable</p> <p><b>CLEAN WATER ACT:</b><br/>Contains sulfuric acid which is a Section 311 material.</p> <p><b>CLEAN AIR ACT:</b><br/>Not Applicable</p> <p><b>SARA:</b><br/>Sections 301-304 (Threshold planning quantity - TPQ)<br/>40 CFR 355: No TPQ for any component.<br/>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: Not Applicable</p> | <p><b>New Jersey Right to Know Hazardous Substance List:</b><br/>This product contains the following components subject to reporting requirements: Trichlorocyanuric acid, calcium oxide, sulfuric acid, magnesium oxide, crystalline silica</p> <p><b>Pennsylvania Hazardous Substance List:</b><br/>This product contains the following components subject to reporting requirements: Calcium carbonate, trichlorocyanuric acid, calcium oxide, sulfuric acid, magnesium oxide, crystalline silica</p> <p><b>Massachusetts Substance List:</b><br/>This product contains the following components subject to reporting requirements: Calcium carbonate, trichlorocyanuric acid, calcium oxide, sulfuric acid, magnesium oxide, crystalline silica</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, C10-13 linear alkyl benzene sodium sulfonate, magnesium oxide</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: September 27, 2001  
Supersedes MSDS dated: September 27, 2001  
Revised sections 1,2,3,4,8,15

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.