SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: COLGATE SENSITIVE TOOTHPASTE
MSDS Number: 200000015928
CAS-No.: Not applicable - product is a mixture
General Use: A formulated dentifrice.

Company: Colgate-Palmolive Canada Inc.
Two Morneau Shepell Centre, 6th Fl.
895 Don Mills Road
Toronto, Ontario, M3C 1W3, Canada

Telephone: For emergencies involving spill, leak, fire, exposure or accident call CHEMTREC (24hr) at (800) 424-9300 or (703) 527-3887.

Medical Emergency (24HR): For MEDICAL EMERGENCIES involving this product call: (888) 489-3861

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview
Form: Paste
Appearance: White

Potential Health Effects
Eye contact: May cause eye irritation.
Skin contact: May cause skin irritation upon prolonged contact.
Inhalation: No adverse effects due to inhalation are expected.
Ingestion: May be harmful if swallowed in large quantities.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

OSHA-REGULATED COMPONENTS (present at a concentration of > or = 1%)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Concentration *</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYNTHETIC AMORPHOUS SILICA PRECIPITATED</td>
<td>112926-00-8</td>
<td>10.00 - 30.00</td>
</tr>
<tr>
<td>GLYCERIN</td>
<td>56-81-5</td>
<td>5.00 - 10.00</td>
</tr>
</tbody>
</table>
COLGATE SENSITIVE TOOTHPASTE

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<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>TETRAPOTASSIUM PYROPHOSPHATE</td>
<td>7320-34-5</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>SODIUM LAURYL Sulfate</td>
<td>151-21-3</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>SODIUM MONOFLUOROPHOSPHATE</td>
<td>7631-97-2</td>
<td>1.00 - 5.00</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE (C.I. 77891)</td>
<td>13463-67-7</td>
<td>0.10 - 1.00</td>
</tr>
</tbody>
</table>

*All concentrations are present by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Carcinogenicity:

Listed Carcinogens: 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), OSHA or ACGIH.

<table>
<thead>
<tr>
<th>IARC</th>
<th>TITANIUM DIOXIDE (C.I. 77891)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC</td>
<td>TITANIUM DIOXIDE (C.I. 77891)</td>
</tr>
</tbody>
</table>

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 4. FIRST AID MEASURES

First aid procedures

Eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

Skin contact : Flush skin with large amounts of water. If irritation develops and persist, get medical attention.

Inhalation : Not Applicable

Ingestion : Drink 8 ounces of clear water. Get medical attention.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

Flash point : > 200 °F (> 93 °C)
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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protection recommended in Section 8 of the MSDS.

Methods for containment / Methods for cleaning up: Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.

SECTION 7. HANDLING AND STORAGE

Storage

Requirements for storage areas and containers: Store at controlled room temperature at 20-25°C (68-77°F).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Value</th>
<th>Exposure Limits</th>
<th>Source</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYNTHETIC AMORPHOUS SILICA PRECIPITATED</td>
<td>112926-00-8</td>
<td>REL</td>
<td>6 mg/m³</td>
<td>NIOSH/GUIDE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Z1A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>6 mg/m³</td>
<td>Z3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>20millions of particles per cubic foot of air</td>
<td>Z3</td>
<td></td>
</tr>
</tbody>
</table>
### Components with workplace control parameters

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Value</th>
<th>Exposure Limits</th>
<th>Source</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCERIN</td>
<td>56-81-5</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>ACGIH</td>
<td>Mist.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>OSHA_TRANS</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>OSHA_TRANS</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Z1A</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Z1A</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

### Components with workplace control parameters

<table>
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<tr>
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<th>CAS-No.</th>
<th>Value</th>
<th>Exposure Limits</th>
<th>Source</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM MONOFLUOROPHOSPHATE</td>
<td>7631-97-2</td>
<td>TWA</td>
<td>2.5 mg/m³</td>
<td>ACGIH</td>
<td>as F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>2.5 mg/m³</td>
<td>OSHA_TRANS</td>
<td>as F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>2.5 mg/m³</td>
<td>OSHA/Z2</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>2.5 mg/m³</td>
<td>Z1A</td>
<td>as F</td>
</tr>
</tbody>
</table>

**Engineering Controls**: In an industrial work environment, no special precautions or control measures are required.

**Personal protective equipment**

**Protective measures**: In an industrial work environment, if a splash is likely, chemical goggles may be needed. Prolonged skin contact may require protective gloves. For consumer use, no unusual precautions are necessary.
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Version 1.1  Revision Date 10/04/2012  Print Date 10/04/2012

General Hygiene Considerations: In an industrial work environment, avoid eye and prolonged skin contact.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Paste
Appearance: White

Flash point: > 200 °F (> 93 °C)

pH: 7.4

SECTION 10. STABILITY AND REACTIVITY

Materials to avoid: Remarks: Strong oxidizing agents

Hazardous decomposition products: Note: None known.

Hazardous reactions: Hazardous polymerisation does not occur.

SECTION 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 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.

SECTION 12. ECOLOGICAL INFORMATION

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Further information: Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environment agency for specific rules). Do not dump in sewers, any body of water or on the ground.
SECTION 14. TRANSPORT INFORMATION

DOT : Not regulated.
TDG : Not regulated.
IATA : Not regulated.
IMDG : Not regulated.

SECTION 15. REGULATORY INFORMATION

US Regulations

SARA
Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A) : Not listed
Section 313 Toxic Release Inventory (40 CFR 372) :
Section 313 Toxic Release Inventory (40 CFR 372) :
CERCLA Hazardous Substance List (40 CFR 302.4) - Reportable Quantity:
SODIUM SACCHARIN:
151976 lbs
POTASSIUM HYDROXIDE:
2392344 lbs
SODIUM FLUORIDE:

Clean Air Act
Clean Air Act 111 Standards of Performance for New Stationary Sources :
GLYCERIN:
POLYETHYLENE GLYCOL:

6 / 8
Clean Water Act

Clean Water Act Section 307(a)(1)
Toxic Pollutants: ZINC CITRATE

Clean Water Act Section 311
Hazardous Substances (40 CFR 117.3)
POTASSIUM HYDROXIDE
SODIUM FLUORIDE

State Regulations

Massachusetts Right-To-Know List
GLYCERIN
SODIUM SACCHARIN
SYNTHETIC AMORPHOUS SILICA PRECIPITATED

New Jersey Right-To-Know List
WATER
GLYCERIN
D-SORBITOL
POTASSIUM CITRATE
SODIUM MONOFLUOROPHOSPHATE
SYNTHETIC AMORPHOUS SILICA PRECIPITATED
ZINC CITRATE

Pennsylvania Right-To-Know List
WATER
GLYCERIN
D-SORBITOL
POTASSIUM CITRATE
SODIUM MONOFLUOROPHOSPHATE
SODIUM SACCHARIN
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Canada

Canadian Workplace Hazardous Materials Information System (WHMIS) Listed Material:
- SODIUM LAURYL SULFATE
- SODIUM MONOFLUOROPHOSPHATE
- SYNTHETIC AMORPHOUS SILICA PRECIPITATED

Canadian Controlled Products Regulations: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Other Information

SECTION 16. OTHER INFORMATION

Further information

MSDS Number: 200000015928

Disclaimer: 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.