SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name               :  COLGATE TOTAL ADVANCED FRESH GEL TOOTHPASTE PLUS WHITENING
Product code               :  200000027825

Manufacturer or supplier's details
Company                    :  Colgate-Palmolive Co
                            :  300 Park Avenue
                            :  New York, NY 10022
Telephone                  :  US: Consumer Affairs - 1-800-468-6502
Emergency telephone number :  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

Recommended use             :  A formulated dentifrice.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

<table>
<thead>
<tr>
<th>Physical state</th>
<th>solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>green</td>
</tr>
</tbody>
</table>

GHS Classification

Eye irritation         :  Category 2A
Skin sensitisation    :  Category 1

GHS Label element

Hazard pictograms :  

![Exclamation Mark]
COLUMATE TOTAL ADVANCED FRESH GEL TOOTHPASTE PLUS WHITENING

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Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.
                   H319 Causes serious eye irritation.

Precautionary statements : Prevention:
                            P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
                            P264 Wash skin thoroughly after handling.
                            P272 Contaminated work clothing should not be allowed out of the workplace.
                            P280 Wear eye protection/ face protection.
                            P280 Wear protective gloves.

Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.

Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects
Inhalation : No adverse effects due to inhalation are expected.
Skin : May cause skin irritation upon prolonged contact.
Eyes : May cause eye irritation.
Ingestion : May be harmful if swallowed in large quantities.
Aggravated Medical Condition : None known.

Carcinogenicity:
IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH : 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.
OSHA : 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.
COLGATE TOTAL ADVANCED FRESH GEL TOOTHPASTE PLUS WHITENING

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NTP

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.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<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>amorphous silica or silicates</td>
<td>&gt;= 30 - &lt; 50</td>
</tr>
<tr>
<td>GLYCERIN</td>
<td>56-81-5</td>
<td>&gt;= 10 - &lt; 20</td>
</tr>
<tr>
<td>SODIUM LAURYL SULFATE</td>
<td>151-21-3</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>SODIUM FLUORIDE</td>
<td>7681-49-4</td>
<td>&gt;= 0.1 - &lt; 1</td>
</tr>
<tr>
<td>PEPPERMINT (MENTHA PIPERITA) OIL</td>
<td>PEPPERMINT</td>
<td>&gt;= 0.1 - &lt; 1</td>
</tr>
<tr>
<td>CORN MINT (MENTHA ARVENSIS PIPERASCENS) OIL</td>
<td>68917-18-0</td>
<td>&gt;= 0.1 - &lt; 1</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

If inhaled: Not Applicable

In case of skin contact: Flush skin with large amounts of water. If irritation develops and persists, get medical attention.

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

If swallowed: Drink 8 ounces of clear water. Get medical attention.

Most important symptoms and effects, both acute and delayed: May cause an allergic skin reaction. Causes serious eye irritation.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Hazardous combustion products: No hazardous combustion products are known.

Special protective equipment for firefighters: Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

SECTION 6. ACCIDENTAL RELEASE MEASURES
Personal precautions, protective equipment and emergency procedures: Use personal protection recommended in Section 8 of the SDS.

Methods and materials for containment and 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

Conditions for safe storage: Store at controlled room temperature at 20-25°C (68-77°F).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYNTHETIC AMORPHOUS SILICA PRECIPITATED</td>
<td>amorphous silica or silicates</td>
<td>TWA</td>
<td>6 mg/m³</td>
<td>OSHA P0</td>
</tr>
<tr>
<td>GLYCERIN</td>
<td>56-81-5</td>
<td>TWA (mist, respirable fraction)</td>
<td>5 mg/m³</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (mist, total dust)</td>
<td>15 mg/m³</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Mist - total dust)</td>
<td>10 mg/m³</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Mist - respirable fraction)</td>
<td>5 mg/m³</td>
<td>OSHA P0</td>
</tr>
</tbody>
</table>

Biological occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Biological specimen</th>
<th>Sampling time</th>
<th>Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM FLUORIDE</td>
<td>7681-49-4</td>
<td>CUST-TD-95246</td>
<td>Urine</td>
<td>Prior to shift (16 hours after exposure ceases)</td>
<td>2 mg/l</td>
<td>ACGIH BEI</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CUST-TD-95246</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
<td>3 mg/l</td>
<td>ACGIH BEI</td>
</tr>
</tbody>
</table>
Engineering measures: In an industrial work environment, no special precautions or control measures are required.

Personal protective equipment
Respiratory protection: No personal respiratory protective equipment normally required.

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.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: solid
Colour: green
pH: 7.5
Flash point: > 200 °F
Density: 1.35 g/cm3

SECTION 10. STABILITY AND REACTIVITY

Possibility of hazardous reactions: Hazardous polymerisation does not occur.
Incompatible materials: Strong oxidizing agents
Hazardous decomposition products: None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity
Not classified based on available information.

Product:
Acute oral toxicity: Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method
**Components:**

**SYNTHETIC AMORPHOUS SILICA PRECIPITATED:**
- **Acute oral toxicity**: LD50 (Rat): > 22,500 mg/kg  
  Method: No information available.
- **Acute inhalation toxicity**: Remarks: No data available
- **Acute dermal toxicity**: Remarks: No data available

**GLYCERIN:**
- **Acute oral toxicity**: LD50 (Rat): > 5,000 mg/kg
- **Acute inhalation toxicity**: Remarks: No data available
- **Acute dermal toxicity**: LD50 (Rabbit): > 5,000 mg/kg  
  Method: No information available.

**SODIUM LAURYL SULFATE:**
- **Acute oral toxicity**: LD50 (Rat): 977 mg/kg  
  Method: OECD Test Guideline 401
- **Acute inhalation toxicity**: Remarks: No data available
- **Acute dermal toxicity**: LD50 (Rabbit): > 2,000 mg/kg  
  Method: OECD Test Guideline 402

**SODIUM FLUORIDE:**
- **Acute oral toxicity**: LD50 (Rat): 177 - 272 mg/kg
- **Acute inhalation toxicity**: Remarks: No data available
- **Acute dermal toxicity**: LD50 (Rat): > 2,000 mg/kg  
  Method: OECD Test Guideline 402

**PEPPERMINT (MENTHA PIPERITA) OIL:**
- **Acute oral toxicity**: LD50 (Rat): 2,650 mg/kg  
  Method: OECD Test Guideline 401
- **Acute inhalation toxicity**: Remarks: No data available
- **Acute dermal toxicity**: LD50 (Rabbit): > 5,000 mg/kg  
  Method: OECD Test Guideline 402

**CORN MINT (MENTHA ARVENSIS PIPERASCENS) OIL:**
- **Acute oral toxicity**: LD50 (Rat): 1,600 mg/kg
- **Acute inhalation toxicity**: Remarks: No data available
- **Acute dermal toxicity**: Remarks: No data available

**Skin corrosion/irritation**
Not classified based on available information.
### Components:

**SYNTHETIC AMORPHOUS SILICA PRECIPITATED:**
Remarks: No data available

**GLYCERIN:**
Result: No skin irritation

**SODIUM LAURYL SULFATE:**
Result: Severe skin irritation

**SODIUM FLUORIDE:**
Result: Severe skin irritation

**PEPPERMINT (MENTHA PIPERITA) OIL:**
Result: Severe skin irritation

**CORN MINT (MENTHA ARVENSIS PIPERASCENS) OIL:**
Result: Severe skin irritation

### Remarks:

- **Serious eye damage/eye irritation**
  - Causes serious eye irritation.

### Components:

**SYNTHETIC AMORPHOUS SILICA PRECIPITATED:**
Result: Eye irritation

**GLYCERIN:**
Remarks: No data available

**SODIUM LAURYL SULFATE:**
Result: Irreversible effects on the eye

**SODIUM FLUORIDE:**
Result: Irritation to eyes, reversing within 21 days

**PEPPERMINT (MENTHA PIPERITA) OIL:**
Result: Irritation to eyes, reversing within 21 days

**CORN MINT (MENTHA ARVENSIS PIPERASCENS) OIL:**
Result: Irritation to eyes, reversing within 21 days

### Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction.
Respiratory sensitisation: Not classified based on available information.

### Components:

**SYNTHETIC AMORPHOUS SILICA PRECIPITATED:**
Exposure routes: Inhalation
Remarks: No data available

Exposure routes: Dermal
Remarks: No data available
GLYCERIN:
Exposure routes: Inhalation
Remarks: No data available

Exposure routes: Dermal
Result: Does not cause skin sensitisation.

SODIUM LAURYL SULFATE:
Exposure routes: Inhalation
Remarks: No data available

Exposure routes: Dermal
Result: Does not cause skin sensitisation.

SODIUM FLUORIDE:
Exposure routes: Inhalation
Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal
Result: Does not cause skin sensitisation.

PEPPERMINT (MENTHA PIPERITA) OIL:
Exposure routes: Inhalation
Remarks: No data available

Exposure routes: Dermal
Result: May cause sensitisation by skin contact.

CORN MINT (MENTHA ARVENSIS PIPERASCENS) OIL:
Exposure routes: Inhalation
Remarks: No data available

Exposure routes: Dermal
Result: May cause sensitisation by skin contact.

Germ cell mutagenicity
Not classified based on available information.

Carcinogenicity
Not classified based on available information.

Reproductive toxicity
Not classified based on available information.

STOT - single exposure
Not classified based on available information.

STOT - repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.
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Revision Date: 05/29/2015

Further information

Product:
Remarks: 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 SDS.

SECTION 12. ECOLOGICAL INFORMATION

The product has not been tested as a whole for environmental toxicity. However, environmental information on the ingredients in this product have been reviewed by the Environmental, Health and Safety group of Colgate-Palmolive and determined to have an acceptable environmental profile. This evaluation is based on available information on individual ingredients, interactions of ingredients, and similar ingredients. Biodegradability claims are supported by data on ingredients (i.e., surfactants are biodegradable) or testing conducted on the final product (i.e., This product is biodegradable).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues: 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.

ADR:

International Regulation

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.
NA

COLGATE TOTAL ADVANCED FRESH GEL TOOTHPASTE PLUS WHITENING

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National Regulations

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : Harmful by ingestion., Severe skin irritant, Moderate eye irritant

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Component RQ (lbs)</th>
<th>Calculated product RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Saccharin - Dihydrate</td>
<td>6155-57-3</td>
<td>100</td>
<td>*</td>
</tr>
</tbody>
</table>

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):
GLYCERIN 56-81-5

Clean Water Act
The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:
SODIUM HYDROXIDE  1310-73-2
SODIUM FLUORIDE  7681-49-4
The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:
SODIUM HYDROXIDE  1310-73-2
SODIUM FLUORIDE  7681-49-4
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

Massachusetts Right To Know
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Version 1.0

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYNTHETIC AMORPHOUS SILICA</td>
<td>amorphous silica or silicates</td>
</tr>
<tr>
<td>PRECIPITATED</td>
<td></td>
</tr>
<tr>
<td>GLYCERIN</td>
<td>56-81-5</td>
</tr>
<tr>
<td>CHONDROUS CRISPUS (CARRAGEENAN)</td>
<td>9000-07-1</td>
</tr>
</tbody>
</table>

**Pennsylvania Right To Know**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>Water</td>
</tr>
<tr>
<td>SYNTHETIC AMORPHOUS SILICA</td>
<td>amorphous silica or silicates</td>
</tr>
<tr>
<td>PRECIPITATED</td>
<td></td>
</tr>
<tr>
<td>GLYCERIN</td>
<td>56-81-5</td>
</tr>
<tr>
<td>D-SORBITOL</td>
<td>50-70-4</td>
</tr>
<tr>
<td>SODIUM SULFATE</td>
<td>7757-82-6</td>
</tr>
<tr>
<td>SODIUM HYDROXIDE</td>
<td>1310-73-2</td>
</tr>
<tr>
<td>CHONDROUS CRISPUS (CARRAGEENAN)</td>
<td>9000-07-1</td>
</tr>
<tr>
<td>SODIUM FLUORIDE</td>
<td>7681-49-4</td>
</tr>
</tbody>
</table>

**New Jersey Right To Know**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>Water</td>
</tr>
<tr>
<td>SYNTHETIC AMORPHOUS SILICA</td>
<td>amorphous silica or silicates</td>
</tr>
<tr>
<td>PRECIPITATED</td>
<td></td>
</tr>
<tr>
<td>GLYCERIN</td>
<td>56-81-5</td>
</tr>
<tr>
<td>D-SORBITOL</td>
<td>50-70-4</td>
</tr>
<tr>
<td>METHYL VINYL ETHER-MALEIC ACID COPOLYMER (PVM/MA COPOLYMER)</td>
<td>25153-40-6</td>
</tr>
<tr>
<td>SODIUM FLUORIDE</td>
<td>7681-49-4</td>
</tr>
</tbody>
</table>

**California Prop 65**

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Colgate-Palmolive Company
SAFETY DATA SHEET

COLGATE TOTAL ADVANCED FRESH GEL TOOTHPASTE PLUS WHITENING

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SECTION 16. OTHER INFORMATION

Further information

NFPA:

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

HMIS III:

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

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.