1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name**: COLGATE ADVANCED WHITENING + TARTAR CONTROL TOOTHPASTE (AUS)

**Company Name**: Colgate-Palmolive Pty Ltd (ABN 002 792 163)

**Address**: Australia: Level 14, 345 George Street, Sydney
NSW 2000 Australia
AUS 1800 638 556, NZ: 0800 764766

**Emergency Tel.**
Tel: AUS (02) 9229 5600 NZ: 04 576 6700
Fax: AUS (02) 9229 5700, NZ: 04 568 8835

**Recommended Use**: Toothpaste for cleaning teeth

**Other Information**: New Zealand Address: Level 4, 45 Knights Road, Lower Hutt.

2. HAZARDS IDENTIFICATION

**Hazard Classification**
- NON-HAZARDOUS SUBSTANCE.
- NON-DANGEROUS GOODS.
- Hazard classification according to the criteria of NOHSC.
- Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sorbitol</td>
<td>50-70-4</td>
<td>10-30 %</td>
</tr>
<tr>
<td>Synthetic</td>
<td>112926-00-8</td>
<td>10-30 %</td>
</tr>
<tr>
<td>Amorphous Silica Precipitated</td>
<td>56-81-5</td>
<td>0-10 %</td>
</tr>
<tr>
<td>Glycerin</td>
<td>151-21-3</td>
<td>0-&lt;5 %</td>
</tr>
<tr>
<td>Sodium lauryl sulphate</td>
<td>7758-29-4</td>
<td>0-&lt;5 %</td>
</tr>
<tr>
<td>Pentasodium tripolyphosphate</td>
<td>7722-88-5</td>
<td>0-&lt;5 %</td>
</tr>
<tr>
<td>Sodium Fluoride</td>
<td>7681-49-4</td>
<td>0-&lt;1 %</td>
</tr>
</tbody>
</table>

**Ingredients determined not to be hazardous**

Balance

4. FIRST AID MEASURES

**Inhalation**: None required. However, if breathing is effected, remove source of contamination or victim to fresh air.

**Ingestion**: DO NOT INDUCE VOMITING. Wash out mouth with water. If irritation develops, seek medical attention.

**Skin**: Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye**: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

**First Aid Facilities**: Eyewash and normal washroom facilities.

**Advice to Doctor**: Treat symptomatically.

**Other Information**: For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media**: Use appropriate fire extinguisher for surrounding environment.
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Hazard from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes.

Specific Hazards

Non-combustible material. However, following evaporation of aqueous component, the dried residue may burn if ignited.

Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Slippery when spilt. For industrial use. Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

For industrial use. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage

Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia. However, the available exposure limits for ingredients are listed below:

<table>
<thead>
<tr>
<th>Substance</th>
<th>TWA (ppm)</th>
<th>STEL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrasodium pyrophosphate</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Peak Limitation: A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

No biological limits allocated.

Biological Limit Values

Natural ventilation should be sufficient.

Industrial Applications: Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

Not required under normal conditions of use.

Respiratory Protection

Industrial Applications: If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Eye Protection
Not required under normal conditions of use. However, avoid eye contact. Industrial Applications: Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection
Not required under normal conditions of use. Industrial Applications: Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection
Not required under normal conditions of use. Industrial Applications: Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White, smooth and glossy paste</td>
</tr>
<tr>
<td>Odour</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.35</td>
</tr>
<tr>
<td>pH Value</td>
<td>7.5</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>250,000 cPs (approximately, at 25°C)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td>Non-combustible</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammable Limits - Lower</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammable Limits - Upper</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.
Conditions to Avoid: Extremes of temperature and direct sunlight.
Incompatible Materials: Strong oxidising agents.
Hazardous Decomposition: Thermal decomposition may result in the release of toxic and/or irritating fumes.

11. TOXICOLOGICAL INFORMATION

Toxicology Information: No toxicity data is available for this material.
Inhalation: Inhalation of product vapours may cause irritation of the nose, throat and respiratory system in industrial use.
Ingestion: Ingestion of this product may irritate the gastric tract causing nausea and
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12. ECOLOGICAL INFORMATION

Ecotoxicity
No data is available for this material.

Persistence / Degradability
No data is available for this material.

Mobility
No data is available for this material.

Environ. Protection
Prevent large quantities of this material from entering the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations
The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information
Road and Rail Transport: Australia:

Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Regulatory Information
Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule
Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of MSDS
MSDS Reviewed: August 2011
Supersedes: June 2006

Contact Person/Point
24Hr Emergency Response
Australia- 1800 638 556
New Zealand- 0800 764 766

...End Of MSDS...