1. Identification

GHS Product Identifier: B05445150002
Company Name: Colgate-Palmolive Pty Ltd (ABN 002 792 163)
Address: Australia: Level 14, 345 George Street, Sydney NSW 2000 Australia
Telephone/Fax Number: Tel: AUS (02) 9229 5600 NZ: 04 576 6700 Fax: AUS (02) 9229 5700, NZ: 04 568 8835
Emergency Phone Number: AUS 1800 638 556, NZ: 0800 764766
Other Information: Whitening Toothpaste
New Zealand Address: Level 4, 45 Knights Road, Lower Hutt.

2. Hazard Identification

Classification of the substance or mixture: Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Chemical Characterization</th>
<th>Name</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paste</td>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>30-40 %</td>
</tr>
<tr>
<td></td>
<td>Calcium Pyrophosphate</td>
<td>7790-76-3</td>
<td>10-20 %</td>
</tr>
<tr>
<td></td>
<td>Glycerin</td>
<td>56-81-5</td>
<td>1-10 %</td>
</tr>
<tr>
<td></td>
<td>Polivinylpyrrolidone</td>
<td>9003-39-8</td>
<td>1-10 %</td>
</tr>
<tr>
<td></td>
<td>Synthetic amorphous</td>
<td>112926-00-8</td>
<td>1-10 %</td>
</tr>
<tr>
<td></td>
<td>silica precipitated</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Polyethylene Glycol</td>
<td>25322-68-3</td>
<td>1-10 %</td>
</tr>
<tr>
<td></td>
<td>Oxizane, methyl-</td>
<td>9003-11-6</td>
<td>1-10 %</td>
</tr>
<tr>
<td></td>
<td>polymer with oxizane</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tetrasodium</td>
<td>7722-88-5</td>
<td>1-&lt;5 %</td>
</tr>
<tr>
<td></td>
<td>pyrophosphate</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1-&lt;3 %</td>
</tr>
<tr>
<td></td>
<td>L-Menthol</td>
<td>2216-51-5</td>
<td>0.1-2 %</td>
</tr>
<tr>
<td></td>
<td>Ingredients determined not to be hazardous</td>
<td></td>
<td>Balance</td>
</tr>
</tbody>
</table>

4. First-aid measures

Inhalation: If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
Ingestion: Wash out mouth with water. If irritation develops and persists, seek medical attention.
Skin: Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye contact: 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 131 126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.
5. Fire-fighting measures

Suitable extinguishing media
Use carbon dioxide, dry chemical or foam.

Hazard from Combustion Products
Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific hazards arising from the chemical decomposition temp.
This product will burn if exposed to fire.

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. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Avoid accidents, clean up immediately.

Small spill: Mop up & wash residue to drain with copious amounts of water.

Large spill: Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. 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
Industrial use: Avoid inhalation of vapours and mists, and skin or eye contact. 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. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene by washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities
Industrial quantities: Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

8. Exposure controls/personal protection

Occupational exposure limit values
No exposure value assigned for this specific material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

Safe Work, Australia Exposure Standards:

<table>
<thead>
<tr>
<th>Substance</th>
<th>TWA ppm</th>
<th>STEL mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>150</td>
<td>474</td>
</tr>
</tbody>
</table>

Notes: (vapour & particulates)
Glycerin                                     -     10          -      -           -
Synthetic amorphous silica precipitated     -     10          -      -           -
(precipitated silica)                       -     5           -      -           -
Tetrasodium pyrophosphate                   -     5           -      -           -
Hydrogen peroxide                           1     1.4         -      -           -

9. Physical and chemical properties

Form Paste
Appearance Smooth, white, minty paste
Colour White
Odour Minty odour
Decomposition Temperature Not available
Melting Point Not available
Boiling Point Not available
Solubility in Water Not available
Solubility in Organic Solvents Not available
Specific Gravity 1.27 (25°C)
CS: 1.9.8

Safety Data Sheet

Infosafe No™ LQ1TT

Product Name: COLGATE OPTIC WHITE TOOTHPASTE (LUMINOUS MINT)

pH: 8.0 in 10% slurry
Vapour Pressure: Not available
Vapour Density (Air=1): Not available
Evaporation Rate: Not available
Odour Threshold: Not available
Viscosity: Not available
Volatile Component: Not available
Partition Coefficient: n-octanol/water: Not available
Flash Point: Non-flammable
Flammability: Not available
Auto-Ignition Temperature: Not available
Flammable Limits - Lower: Not available
Flammable Limits - Upper: Not available
Explosion Properties: Not available
Oxidising Properties: Not available

10. Stability and reactivity

Reactivity: Refer to Sec 10: Possibility of hazardous reactions
Chemical Stability: Stable under normal conditions of storage and handling.
Conditions to Avoid: Heat, open flames and other sources of ignition.
Incompatible Materials: Strong oxidising agents.
Decomposition: Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.
Possibility of hazardous reactions: Will react with incompatible materials.
Hazardous Polymerization: Will not occur.

11. Toxicological Information

Toxicology

Ingestion: Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhalation: Inhalation of dusts/vapors may irritate the respiratory system.
Skin: May be irritating to skin. The symptoms may include redness, itching and swelling.
Eye: May be irritating to eyes. The symptoms may include redness, itching and tearing.
Respiratory sensitisation: Not expected to be a respiratory sensitisiser.
Skin Sensitisation: Not expected to be a skin sensitisiser.
Germ cell mutagenicity: Not considered to be a mutagenic hazard.
Carcinogenicity: Polyvinylpyrrolidone is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).
Hydrogen peroxide is listed as a Group 3: Not classifiable as to
carcinogenicity to humans according to International Agency for Research on Cancer (IARC).
Not considered to be toxic to reproduction.

Reproductive Toxicity
STOT-single exposure
Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure
Not expected to cause toxicity to a specific target organ.
Aspiration Hazard
Not expected to be an aspiration hazard.

12. Ecological information
Ecotoxicity
No ecological data available for this material.
Persistence and degradability
Not available
Mobility
Not available
Bioaccumulative Potential
Not available
Other Adverse Effects
Not available
Environmental Protection
Prevent large quantities of this material entering waterways, drains and sewers.

13. Disposal considerations
Industrial applications for large quantities: The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. Transport information
Transport Information
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
IMDG Marine pollutant
No

15. Regulatory information
Regulatory Information
Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
Poisons Schedule
Not Scheduled
AICS (Australia)
The listed chemicals are included in Australian Inventory of Chemical Substances (AICS) or otherwise notified under NICNAS.

16. Other Information
Date of preparation or last revision of SDS
SDS Reviewed: April 2014 Supersedes: November 2012
Literature References
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Workplace exposure standards for airborne contaminants, Safe work Australia.
American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of classification and labelling of chemicals.
Contact Person/Point
24Hr Emergency Response
Product Name: COLGATE OPTIC WHITE TOOTHPASTE (LUMINOUS MINT)

Australia- 1800 638 556
New Zealand- 0800 764 766

...End Of MSDS...