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**MATERIAL SAFETY DATA SHEETS**

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**Close-Up Toothpaste Fluoride Gel      Version: 1      Issued: 13<sup>th</sup> August 2009      Page 1 of 5**

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**CLASSIFICATION OF MATERIAL**

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**Not classified as hazardous according to criteria of the National Occupational Health and Safety Commission (Australia)**

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

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<b>1.1 Product:</b>	Close-Up Toothpaste Fluoride Gel
<b>1.2 UN Proper Shipping Name:</b>	Not Applicable
<b>1.3 Recommended Use:</b>	Toothpaste
<b>1.4 Supplier:</b>	Pental Products Pty Ltd
<b>1.5 A.B.N:</b>	68 103 213 467
<b>1.6 Address:</b>	48 Drummond Road, Shepparton, Victoria, 3630
<b>1.7 Telephone Number:</b>	(03) 5820 5200 (Australia).
<b>1.8 Facsimile:</b>	(03) 5820 5221 (Australia).
<b>1.9 Emergency Telephone Numbers:</b>	(03) 5820 5200 (Australia: Weekdays 8.00am to 5.00pm) Poisons Information Centre Australia: 13 1126 Poisons Information Centre New Zealand: 0800 764 766

**2. HAZARDS IDENTIFICATION**

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<b>2.1 Hazard Classification:</b>	Non-Hazardous Substance. Non-Dangerous Goods
<b>2.2 Risk Phrase(s):</b>	Nil
<b>2.3 Safety Phrases:</b>	Nil

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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<b>Chemical Name</b>	<b>CAS Number</b>	<b>Proportion %</b>
Sorbitol	50-70-4	30 to 60
Water	7732-18-5	10 to 30
Silica	7631-86-9	10 to 30
Sodium Lauryl Sulphate	151-21-3	< 5
Polyethylene Glycol	25322-68-3	< 5
Flavour	Proprietary	< 1
Sodium Carboxymethylcellulose	9004-32-4	< 1
Sodium Saccharin	128-44-9	< 1
Sodium Fluoride	7681-49-4	< 1
Trisodium Phosphate	7601-54-9	< 1
Triclosan	3380-34-5	< 1
Vitamin E Acetate	58-95-7	< 0.1
CI 16255	Proprietary	< 0.1

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CI 17200

Proprietary

< 0.1

## 4. FIRST AID MEASURES

### 4.1 Description of Necessary First Aid Measures

<b>Ingestion:</b>	Immediately remove product from mouth and rinse out with plenty of water. Drink 1 or 2 glasses of water (or milk). If a large amount swallowed, or symptoms develop, obtain medical attention.
<b>Eye:</b>	Immediately hold the eyes open and flush with fresh running water. Ensure complete irrigation of the eye, by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. If symptoms persist, seek medical attention.
<b>Skin:</b>	Not applicable for normal use. Wash accidental spillage from skin.
<b>Inhalation:</b>	Not applicable.

### 4.2 Medical Attention and Special Treatment

<b>First Aid Facilities:</b>	Eye wash station
<b>Comments:</b>	Treat according to person's condition and specifics of exposure.
<b>Advice to Doctor:</b>	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

<b>5.1 Suitable Extinguishing Media:</b>	Non-flammable. On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray. Water can be used to cool fire exposed containers.
<b>5.2 Hazards From Combustion Products:</b>	Carbon oxides and traces of incompletely burned carbon compounds.
<b>5.3 Special Protective Precautions and Equipment For Fire Fighters:</b>	Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.
<b>5.4 Hazchem Code:</b>	Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Emergency Procedures:</b>	Avoid eye contact. Do not allow large quantities to enter drains or surface waters.
<b>6.2 Methods and Materials for Containment and Clean Up:</b>	Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If leaked material can be pumped, store recovered material in appropriate container(s). Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

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## 7. HANDLING AND STORAGE

- 7.1 **Precautions for Safe Handling:** Avoid eye contact. Use with adequate ventilation. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
- 7.2 **Conditions for Safe Storage:** Store in a cool, dry, well ventilated area, out of direct sunlight. Keep containers closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 **National Exposure Standards:** No exposure standard allocated
- 8.2 **Biological Limit Values:** No biological limit allocated.
- 8.3 **Engineering Controls:** General ventilation is recommended.
- 8.4 **Personal Protective Equipment:**
- Respiratory** Domestic quantities require no special equipment with normal use.
- Eye** Avoid eye contact. Domestic quantities require no special equipment with normal careful use. Wear safety glasses or goggles or face shield if handling large quantities. Do not wear contact lenses. Ensure eyewash is available.
- Skin** Domestic quantities require no special equipment. For large quantities, wear PVC or rubber gloves, coveralls (plastic aprons may be required) and enclosed footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Physical Description / Properties**
- Appearance:** Translucent, red gel.
- Odour:** Characteristic odour
- pH:** 5.5 – 7.0
- Viscosity (cP @ 25°C):** Not determined
- Vapor Pressure:** Not applicable
- Vapor Density:** Not applicable
- Boiling Point (°C):** Not determined
- Freezing Point (°C):** Not determined
- Melting Point (°C):** Not determined
- Solubility In Water (g/100 mL):** Soluble in water
- Specific Gravity (@ 25°C):** 1.26 – 1.28 g/mL
- Flash Point (°C):** Not applicable
- Lower Explosive Limit (%):** Not applicable
- Upper Explosive Limit (%):** Not applicable
- Autoignition Temp (°C):** Not determined
- Decomposition Temp (°C):** Not determined

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## 10. STABILITY AND REACTIVITY

- 10.1 Chemical Stability:** The product is stable under normal ambient conditions of temperature and pressure.
- 10.2 Conditions To Avoid:** None
- 10.3 Incompatible Materials:** Not applicable
- 10.4 Hazardous Decomposition Products:** Oxides of Carbon.
- 10.5 Hazardous Reactions:** Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

**11.1 Likely Route of Exposure:**  Inhalation  Skin contact  Ingestion

**11.2 Health Effects From Likely Route of Exposure:**

### Acute

**Ingestion:**

Unlikely to be harmful, unless an excessive amount is swallowed. May cause irritation to the gastrointestinal system. Symptoms may include nausea and vomiting.

**Eye:**

Direct contact may produce irritation to the eye causing redness, inflammation and lacrimation.

**Skin:**

No effect expected from exposure. Itching, redness and rash may occur in susceptible individuals.

**Inhalation:**

Considered an unlikely route of entry in commercial/industrial environments.

### Chronic

**Ingestion:**

No known applicable information.

**Eye:**

No known applicable information.

**Skin:**

No known applicable information.

**Inhalation:**

No known applicable information.

**11.3 Other Information:** No known applicable information.

## 12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Not available.
- Bioaccumulation:** Not available.
- 12.2 Environmental Fate and Distribution:** Not available.
- 12.3 Fate and Effects in Waste Water Treatment Plants:** Not available.

## 13. DISPOSAL CONSIDERATIONS

- 13.1 Disposal Method:** Single unit: Wash with plenty of water.  
Large amounts: Prevent drain or sewer contamination. Reclaim or dispose of in accordance with local, state and federal regulations.
- 13.2 Special Precautions for Landfill or Incineration:** None known.

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## 14. TRANSPORTATION INFORMATION

14.1	UN Number:	Not applicable.
14.2	UN Proper Shipping Name:	Not applicable.
14.3	Dangerous Goods Class:	Not applicable.
	Packing Group:	Not applicable.
14.4	Special Precautions for User:	Not applicable.
14.5	HAZCHEM Code:	Not applicable.
	Additional Shipping Information:	Not applicable.

## 15. REGULATORY INFORMATION

15.1	SUSDP Poisons Schedule:	Not applicable.
15.2	Prohibition / Licensing Requirements:	There are no applicable prohibition or notification / licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
15.3	Industrial Chemicals (Notification and Assessment) Act 1989:	All ingredients are listed on or exempt from the <i>Australia Inventory of Chemical Substances</i> (AICS).

## 16. OTHER INFORMATION

16.1	Issue Date:	13 <sup>th</sup> August 2009
16.2	Contact Points:	
	Title / Position:	Research & Development Manager
	Telephone:	(03) 5820 5204 (Australia: Weekdays 8.00am to 5.00pm)
	E-mail:	enquiries@pental.com.au
16.3	After Hours Emergency Medical Assistance:	Poisons Information Centre
	Telephone:	Australia: 13 1126 New Zealand: 0800 764 766

### Disclaimer:

This information is provided based on our current knowledge and is intended to describe the product for the purpose of health, safety and environment requirements only. Pental Products Pty Ltd 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. Since Pental Products Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product.

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