

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### 1.1 Product identifier

Product name **TOOTHPASTE**

Synonyms

### 1.2 Uses and uses advised against

Uses **DENTAL APPLICATIONS • DENTAL PRODUCTS**

### 1.3 Details of the supplier of the product

Supplier name **BUNZL AUSTRALASIA LIMITED**

Address **Level 2, 700 Springvale Road, Mulgrave, VIC, 3170, AUSTRALIA**

Telephone **(03) 9590 3000**

Fax **(03) 9590 3099**

Email **[info@bunzl.com.au](mailto:info@bunzl.com.au)**

Website **<http://www.bunzl.com.au>**

### 1.4 Emergency telephone numbers

Emergency (Australia) **1800 629 953**

Emergency (NZ) **0800 764 766**

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

#### **Physical Hazards**

Not classified as a Physical Hazard

#### **Health Hazards**

Serious Eye Damage / Eye Irritation: Category 2A

#### **Environmental Hazards**

Not classified as an Environmental Hazard

### 2.2 GHS Label elements

Signal word **WARNING**

Pictograms



#### **Hazard statements**

H319 Causes serious eye irritation.

#### **Prevention statements**

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

#### **Response statements**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

**PRODUCT NAME    TOOTHPASTE****Storage statements**

None allocated.

**Disposal statements**

None allocated.

**2.3 Other hazards**

No information provided.

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**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

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**3.1 Substances / Mixtures**

Ingredient	CAS Number	EC Number	Content
CALCIUM CARBONATE	471-34-1	207-439-9	50%
DEIONIZED WATER	14314-42-2	-	29.96%
GLYCEROL (GLYCERINE)	56-81-5	200-289-5	7%
SODIUM DODECYL SULPHATE (SODIUM LAURYL SULPHATE)	151-21-3	205-788-1	1.8%
SODIUM CARBOXYMETHYL CELLULOSE	9004-32-4	618-378-6	1.4%
FLAVOURING(S)	-	-	0.8%
SODIUM FLUORIDE	7681-49-4	231-667-8	0.22%
1,2-BENZISOTHIAZOL-3(2H)-ONE 1,1-DIOXIDE, SODIUM SALT	128-44-9	204-886-1	0.2%
HYDROXYETHYL CELLULOSE	9004-62-0	618-387-5	0.2%
TITANIUM DIOXIDE	13463-67-7	236-675-5	0.2%
D-SORBITOL	50-70-4	200-061-5	8%

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**4. FIRST AID MEASURES**

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**4.1 Description of first aid measures**

**Eye** If in eyes, wash out immediately with water.

**Inhalation** Due to product form / nature of use, an inhalation hazard is not anticipated.

**Skin** Adverse effects not expected from this product.

**Ingestion** First aid is not generally required. If you accidentally swallow more than used for brushing, seek professional assistance. If in doubt, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.

**First aid facilities** Normal washroom facilities should be available.

**4.2 Most important symptoms and effects, both acute and delayed**

Adverse effects not expected from this product under normal conditions of use.

**4.3 Immediate medical attention and special treatment needed**

Treat symptomatically.

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**5. FIRE FIGHTING MEASURES**

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**5.1 Extinguishing media**

Use an extinguishing agent suitable for the surrounding fire.

**5.2 Special hazards arising from the substance or mixture**

Non flammable. May evolve toxic gases if strongly heated.

**5.3 Advice for firefighters**

Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**5.4 Hazchem code**

None allocated.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

### 6.2 Environmental precautions

Prevent product from entering drains and waterways.

### 6.3 Methods of cleaning up

If spilt (small amounts), clean up using absorbent paper towels and some water. If spilt (bulk), mop up area and wash residue down with water.

### 6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

### 7.3 Specific end uses

No information provided.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Calcium carbonate (Limestone, Marble, Whiting)	SWA [AUS]	--	10	--	--
Fluorides, as F	SWA [AUS]	--	2.5	--	--
Glycerin mist (a)	SWA [AUS]	--	10	--	--
Titanium dioxide (a)	SWA [AUS]	--	10	--	--
Titanium dioxide (inhalable)	SWA [Proposed]	--	1	--	--

#### Biological limits

Ingredient	Reference	Determinant	Sampling Time	BEI
SODIUM FLUORIDE	ACGIH BEI	Fluoride in urine	Prior to shift	2 mg/L
	ACGIH BEI	Fluoride in urine	End of shift	3 mg/L

### 8.2 Exposure controls

**Engineering controls** No special precautions are normally required when handling this product.

#### PPE

Eye / Face	When using large quantities or where heavy contamination is likely, wear safety glasses.
Hands	Not required under normal conditions of use.
Body	When using large quantities or where heavy contamination is likely, wear coveralls.
Respiratory	Not required under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	WHITE PASTE
Odour	MINT ODOUR

**9.1 Information on basic physical and chemical properties**

<b>Flammability</b>	NON FLAMMABLE
<b>Flash point</b>	NOT RELEVANT
<b>Boiling point</b>	NOT AVAILABLE
<b>Melting point</b>	NOT AVAILABLE
<b>Evaporation rate</b>	NOT AVAILABLE
<b>pH</b>	4.0 to 9.5
<b>Vapour density</b>	NOT AVAILABLE
<b>Relative density</b>	NOT AVAILABLE
<b>Solubility (water)</b>	SOLUBLE
<b>Vapour pressure</b>	NOT AVAILABLE
<b>Upper explosion limit</b>	NOT RELEVANT
<b>Lower explosion limit</b>	NOT RELEVANT
<b>Partition coefficient</b>	NOT AVAILABLE
<b>Autoignition temperature</b>	NOT AVAILABLE
<b>Decomposition temperature</b>	NOT AVAILABLE
<b>Viscosity</b>	NOT AVAILABLE
<b>Explosive properties</b>	NOT EXPLOSIVE
<b>Oxidising properties</b>	NOT AVAILABLE
<b>Odour threshold</b>	NOT AVAILABLE

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**10. STABILITY AND REACTIVITY**

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**10.1 Reactivity**

Carefully review all information provided in sections 10.2 to 10.6.

**10.2 Chemical stability**

Stable under recommended conditions of storage.

**10.3 Possibility of hazardous reactions**

Polymerization will not occur.

**10.4 Conditions to avoid**

No known conditions to avoid.

**10.5 Incompatible materials**

Incompatible with oxidising agents (e.g. hypochlorites) and acids (e.g. nitric acid).

**10.6 Hazardous decomposition products**

May evolve toxic gases if heated to decomposition.

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**11. TOXICOLOGICAL INFORMATION**

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**11.1 Information on toxicological effects**

**Acute toxicity**      This product is expected to be of low toxicity. Under normal conditions of use, adverse health effects are not anticipated. Do not swallow more than is required for normal brushing.

**Information available for the ingredients:**

Ingredient	Oral LD50	Dermal LD50	Inhalation LC50
CALCIUM CARBONATE	> 2000 mg/kg (rat)	> 2000 mg/kg (rat)	> 3.0 mg/L
GLYCEROL (GLYCERINE)	4090 mg/kg (mouse)	--	--
SODIUM DODECYL SULPHATE (SODIUM LAURYL SULPHATE)	977 - 1427 mg/kg (rat)	~ 200 mg/kg (rabbit)	--
SODIUM CARBOXYMETHYL CELLULOSE	16000 mg/kg (guinea pig)	> 2000 mg/kg (rabbit)	--
SODIUM FLUORIDE	68.5 mg/kg (rat)	--	--
1,2-BENZISOTHIAZOL-3(2H)-ONE 1,1-DIOXIDE, SODIUM SALT	1280 mg/kg (rat)	--	--
TITANIUM DIOXIDE	5000 mg/kg (rat)	--	3.43 - 6.82 mg/L air (rat)
D-SORBITOL	15900 mg/kg (rat)	--	--

**Skin**      Not classified as a skin irritant. Prolonged or repeated contact may result in mild irritation.

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<b>Eye</b>	Due to product form and nature of use, the potential for exposure is reduced. However, direct contact may result in mild irritation and lacrimation.
<b>Sensitisation</b>	Not classified as causing skin or respiratory sensitisation.
<b>Mutagenicity</b>	Not classified as a mutagen.
<b>Carcinogenicity</b>	Not classified as a carcinogen. Titanium dioxide is classified as possibly carcinogenic to humans (IARC Group 2B). However, due to product form (ie. liquid) the risk of exposure is greatly reduced.
<b>Reproductive</b>	Not classified as a reproductive toxin.
<b>STOT - single exposure</b>	Not classified as causing organ damage from single exposure.
<b>STOT - repeated exposure</b>	Not classified as causing organ damage from repeated exposure.
<b>Aspiration</b>	Not classified as causing aspiration.

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**12. ECOLOGICAL INFORMATION**

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**12.1 Toxicity**

Not expected to be harmful to aquatic life.

**12.2 Persistence and degradability**

Does not persist in the environment.

**12.3 Bioaccumulative potential**

Does not bioaccumulate.

**12.4 Mobility in soil**

Mobile in soil.

**12.5 Other adverse effects**

No information provided.

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**13. DISPOSAL CONSIDERATIONS**

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**13.1 Waste treatment methods**

**Waste disposal** Dispose of to landfill. No special requirements apply.

**Legislation** Dispose of in accordance with relevant local legislation.

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**14. TRANSPORT INFORMATION**

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**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA**

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
<b>14.1 UN Number</b>	None allocated.	None allocated.	None allocated.
<b>14.2 Proper Shipping Name</b>	None allocated.	None allocated.	None allocated.
<b>14.3 Transport hazard class</b>	None allocated.	None allocated.	None allocated.
<b>14.4 Packing Group</b>	None allocated.	None allocated.	None allocated.

**14.5 Environmental hazards**

Not a Marine Pollutant.

**14.6 Special precautions for user**

**Hazchem code** None allocated.

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**15. REGULATORY INFORMATION**

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**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Poison schedule** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**PRODUCT NAME** TOOTHPASTE

<b>Classifications</b>	Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals (GHS Revision 7).
<b>Inventory listings</b>	<b>AUSTRALIA: AIIC (Australian Inventory of Industrial Chemicals)</b> All components are listed on AIIC, or are exempt.

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**16. OTHER INFORMATION**

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<b>Additional information</b>	<p><b>PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:</b> The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.</p> <p><b>HEALTH EFFECTS FROM EXPOSURE:</b> It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.</p>
<b>Abbreviations</b>	<p>ACGIH American Conference of Governmental Industrial Hygienists CAS # Chemical Abstract Service number - used to uniquely identify chemical compounds CNS Central Nervous System EC No. EC No - European Community Number EMS Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods) GHS Globally Harmonized System GTEPG Group Text Emergency Procedure Guide IARC International Agency for Research on Cancer LC50 Lethal Concentration, 50% / Median Lethal Concentration LD50 Lethal Dose, 50% / Median Lethal Dose mg/m<sup>3</sup> Milligrams per Cubic Metre OEL Occupational Exposure Limit pH relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). ppm Parts Per Million STEL Short-Term Exposure Limit STOT-RE Specific target organ toxicity (repeated exposure) STOT-SE Specific target organ toxicity (single exposure) SUSMP Standard for the Uniform Scheduling of Medicines and Poisons SWA Safe Work Australia TLV Threshold Limit Value TWA Time Weighted Average</p>
<b>Report status</b>	<p>This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').</p> <p>It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.</p> <p>While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.</p>
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PRODUCT NAME TOOTHPASTE

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