

# Material Safety Data Sheet

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Infosafe No.	4ACJ7	Issue Date : March 2004	ISSUED by PDS
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Product Name : **BRIGHT TEETH GEL/KIT**

Classified as hazardous according to criteria of NOHSC

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name	BRIGHT TEETH GEL/KIT		
Product Use	Used as a tooth bleach.		
Company Name	Professional Dentist Supplies Pty. Ltd. (ABN 69 088 275 576)		
Address	Building 3/8 Nicole Close Bayswater North VIC 3153 Australia		
Emergency Tel.	+61 3 9761 6615 bh		
Telephone	Tel: +61 3 9761 6615 Fax: +61 3 9730 1073		
Number/Fax			
Other Names	<u>Name</u>	<u>Product Code</u>	
	Bright Teeth Home Tooth Whitening Kit	34410	
	PDS Bright Teeth Gel (Refill)	34411	

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Other Ingredients	Not required	90 %
	Determined Not To Be Hazardous		
	Carbamide Peroxide	124-43-6	10 %

## 3. HAZARDS IDENTIFICATION

Classified as Hazardous according to criteria of NOHSC.  
Not classified as a Dangerous Good according to the ADG Code.

Risk phrase:  
R36/38 Irritating to eyes and skin.

Safety phrase:  
S23 Do not breathe gas/fumes/vapour/spray.  
S24/25 Avoid contact with skin and eyes.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

## 4. FIRST AID MEASURES

Inhalation	Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If irritation develops and persists seek medical attention.
Ingestion	Do NOT induce vomiting. Immediately wash mouth out with water. If symptoms develop, seek medical attention.
Skin	Remove contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.
Eye	If contact with the eye(s) occur, wash with copious amounts of water holding eyelids(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops seek medical attention.
First Aid Facilities	Eye wash fountains and normal washroom facilities.
Advice to Doctor	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media	Use appropriate fire extinguisher for surrounding environment.
Specific Hazards	Material will not burn if involved in a fire, however contact with combustible material may cause fires.
Precautions in connection with Fire	Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise exposure.

## 6. ACCIDENTAL RELEASE MEASURES

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Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. Mix with inert, non combustible material and collect by scooping up with non sparking tools. Transfer material to a suitable, labelled container for eventual disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

## 7. HANDLING AND STORAGE

Corrosiveness	Not corrosive to aluminium.
Handling	Proper personal protective clothing and equipment should be used to minimise exposure. It is essential that all who come into contact with this material, maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or going to the toilet. Build-up of vapour/mist in the working atmosphere must be prevented. Ensure ventilation is adequate. Keep containers closed when not in use.
Storage	Store in a cool dry place out of direct sunlight. Store below 30°C. Avoid contact with incompatible materials that are combustible or flammable.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits	No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC). However as with all chemicals, exposure should be kept to the least possible levels. Carbamide Peroxide is compound of urea and hydrogen peroxide. The exposure standards for Hydrogen peroxide are listed below.				
	SUBSTANCE	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
	Hydrogen peroxide	1	1.4	-	-
Respiratory Protection	Avoid breathing of mists/vapour. Where ventilation is inadequate and mists/vapour are generated, the use of an approved respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715- Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716- Respiratory Protective Devices.				
Eye Protection	Chemical safety glasses or face shield as appropriate. Final choice of appropriate eye/face protection will vary according to individual circumstances including methods of handling or engineering controls as determined by appropriate risk assessments. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications.				
Hand Protection	Impervious gloves (Nitrile rubber) recommended. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.				
Body Protection	Appropriate chemical resistant protective clothing recommended.				
Eng. Controls	Use in a well ventilated area. Where vapours or mists are generated and exposure standards are exceeded, the use of respiratory protection, or a local exhaust ventilation system is recommended.				
Other Information	Biological Limit Values: No biological limit allocated.				

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear coloured gel.
Boiling Point	Not available
Solubility in Water	Soluble
Specific Gravity (H <sub>2</sub> O=1)	Not available
Vapour Pressure	Not available
Flash Point	Not applicable

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Flammability	Non combustible material.
Flammable Limits	Not applicable
LEL	
Flammable Limits	Not applicable
UEL	

## 10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use.
Hazardous	Will not occur.
Polymerization	
Materials to Avoid	Combustible and flammable materials.

## 11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this material.
Inhalation	Vapours or mists may cause irritation to the mucous membrane and upper airways. Symptoms may include nausea, headaches, coughing and breathing difficulties.
Ingestion	May cause irritation to the mouth, oesophagus, and stomach. Symptoms can include nausea, vomiting and possible abdominal pain.
Skin	Will cause irritation in contact with the skin, which will result in redness, itching and possible dermatitis.
Eye	Will cause irritation in contact with the eyes, which will result in redness, stinging and lachrymation.
Chronic Effects	Prolonged or repeated exposure to this material will result in skin irritation leading to possible dermatitis. Inhalation of vapours or mists may aggravate existing respiratory disorders.

## 12. ECOLOGICAL INFORMATION

Environ. Protection	Prevent this material entering waterways, drains and sewers.
Mobility	No data is available for this material.
Persistence / Degradability	No data is available for this material.
Ecotoxicity	No data is available for this material.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations or this material should be undertaken by a registered chemical disposal company.

## 14. TRANSPORT INFORMATION

	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
ADG U.N. Number	None Allocated
ADG Proper Shipping Name	None Allocated
ADG DG Class	None Allocated
ADG Hazchem Code	None Allocated
ADG Packing Group	None Allocated

## 15. REGULATORY INFORMATION

Risk Phrase	R36/38 Irritating to eyes and skin.
Safety Phrase	S23 Do not breathe gas/fumes/vapour/spray S24/25 Avoid contact with skin and eyes. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
Poisons Schedule	Not Scheduled
Hazard Category	Irritant

## 16. OTHER INFORMATION

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**Contact Person/Point** PROFESSIONAL DENTIST SUPPLIES

Ph: 03 9761 6615 (business hours)

The information contained within this material safety data sheet (MSDS) is believed to be accurate on the date of issue and in accordance with the information provided to us. Any person handling the product referred to in this material safety data sheet do so at their own risk. Professional Dental Supplies accepts no liability whatsoever for damage or injury caused from the use of this information or of suggestions contained herein.

...End Of MSDS...