

# Material Safety Data Sheet

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Infosafe No. 4ACJ7 Issue Date : March 2004 ISSUED by PDS

Product Name : **BRIGHT TEETH GEL/KIT**

Classified as hazardous according to criteria of NOHSC

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

<b>Product Name</b>	BRIGHT TEETH GEL/KIT	
<b>Product Use</b>	Used as a tooth bleach.	
<b>Company Name</b>	Professional Dentist Supplies Pty. Ltd. (ABN 69 088 275 576)	
<b>Address</b>	Building 3/8 Nicole Close Bayswater North VIC 3153 Australia	
<b>Emergency Tel.</b>	+61 3 9761 6615 bh	
<b>Telephone Number/Fax</b>	Tel: +61 3 9761 6615 Fax: +61 3 9730 1073	
<b>Other Names</b>	<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

<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	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

<b>Inhalation</b>	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.
<b>Ingestion</b>	Do NOT induce vomiting. Immediately wash mouth out with water. If symptoms develop, seek medical attention.
<b>Skin</b>	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.
<b>Eye</b>	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.
<b>First Aid Facilities</b>	Eye wash fountains and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Use appropriate fire extinguisher for surrounding environment.
<b>Specific Hazards</b>	Material will not burn if involved in a fire, however contact with combustible material may cause fires.
<b>Precautions in connection with Fire</b>	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** No toxicity data is available for this material.

**Information**

**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 /** No data is available for this material.

**Degradability**

**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** None Allocated

**Shipping Name**

**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...