

Material Safety Data Sheet

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Infosafe No™ LPWZB Issue Date :November 2007 ISSUED by PDS CS: 1.4.18

Product Name : **WHITE LIGHTENING**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name WHITE LIGHTENING

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/Fax Number Tel: +61 3 9761 6615
Fax: +61 3 9730 1073

Recommended Use Used as a tooth bleach.

Other Names

<u>Name</u>	<u>Product Code</u>
WHITE LIGHTENING KIT	34413
WHITE LIGHTENING GEL (REFILL)	34415

Other Information 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.

2. HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s) R36/38 Irritating to eyes and skin.
R8 Contact with combustible material may cause fire.

Safety Phrase(s) 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ingredients determined not to be hazardous	-	60-100 %
	Carbamide Peroxide	124-43-6	10-30 %

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.

Other Information For advice, contact a Poisons Information Centre (Phone eg Australia 131 126).

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5. FIRE FIGHTING MEASURES

Suitable 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

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe 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.

Conditions for Safe Storage Store in a cool dry place out of direct sunlight. Avoid contact with incompatible materials that are combustible or flammable.

Corrosiveness Not corrosive to aluminium.

Storage Temperatures Store below 30°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards 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 ³	ppm	mg/m ³
Hydrogen peroxide	1	1.4	-	-

Biological Limit Values No biological limit allocated.

Engineering 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.

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

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Body Protection 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.

Suitable protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist. When this product is handled the use of plastic aprons and rubber boots is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous clear gel.
Odour	Not available.
Melting Point	Not available.
Boiling Point	Not available.
Solubility in Water	Soluble
Specific Gravity	Not available.
pH Value	Not available.
Vapour Pressure	Not available.
Vapour Density (Air=1)	Not available.
Flash Point	Not applicable
Flammability	Non combustible material however, contact with combustible material may cause fire.
Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Contact with combustible materials.
Incompatible Materials	Combustible and flammable materials.
Hazardous Decomposition Products	Decomposition may result in the release of toxic and/or irritating fumes.
Hazardous Polymerization	Will not occur.

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

Ecotoxicity	No data is available for this material.
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Persistence / Degradability / **Mobility** Not available.
Environ. Protection Prevent this material entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

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

Transport Information Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Poisons Schedule S6
Hazard Category Irritant, Oxidising

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Reviewed: November 2007
MSDS Created: April 2001
Contact Person/Point

...End Of MSDS...

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