

Material Safety Data Sheet

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Infosafe No™ 4ACMY

Issue Date : January 2009

ISSUED by PDS

Product Name : **ENDOPREP BLEACH**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	ENDOPREP BLEACH				
Product Code	34121				
Company Name	Professional Dentist Supplies Pty. Ltd. (ABN 69 088 275 576)				
Address	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	Bleaching of teeth as part of endodontic therapy.				
Other Names	<table><thead><tr><th><u>Name</u></th><th><u>Product Code</u></th></tr></thead><tbody><tr><td>Endoprep Bleach 25g</td><td>34121</td></tr></tbody></table>	<u>Name</u>	<u>Product Code</u>	Endoprep Bleach 25g	34121
<u>Name</u>	<u>Product Code</u>				
Endoprep Bleach 25g	34121				
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. DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
Risk Phrase(s)	R22 Harmful if swallowed. R8 Contact with combustible material may cause fire.
Safety Phrase(s)	S17 Keep away from combustible material. S2 Keep out of reach of children. S22 Do not breathe dust. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37 Wear suitable protective clothing and gloves. S44 If you feel unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sodium Perborate Tetrahydrate	10486-00-7	100 %

4. FIRST AID MEASURES

Inhalation	If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Seek IMMEDIATE medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If irritation develops or persists seek medical attention.
Eye	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Treat symptomatically.

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Other Information For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use carbon dioxide, dry chemical, foam, water mist or water spray.

Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes and gases including disodium oxide.

Specific Hazards Non-combustible powder, however material will support combustion.

Hazchem Code 1Y

Precautions in connection with Fire Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Remove sources of ignition. Wear appropriate personal protective equipment and clothing to prevent exposure. Sweep up material avoiding dust generation or where possible use dustless methods such as vacuum to collect the material and transfer into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Avoid inhalation of dust, and skin or eye contact. Maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage Store in a cool (below 30°C), dry, well ventilated area away from sources of ignition and out of direct sunlight. The material is an oxidiser. Keep from contact with clothing and other combustible materials. Do not store near combustible materials. Store in tightly closed containers. Keep tightly sealed. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Refer to AS 4326-1995 The storage and handling of oxidizing agents.

Corrosiveness Not corrosive to aluminium.

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) exposure standards for dust not otherwise specified is 10 mg/m³.
TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Biological Limit Values No biological limits allocated.

Engineering Controls Provide sufficient ventilation to keep airborne levels as low as possible. Where dusts are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Wear gloves of impervious material such as nitrile. Final choice of

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Body Protection appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White crystalline powder.
Odour	Odourless
Melting Point	63°C (loses water at 130-150°C)
Boiling Point	Not applicable
Solubility in Water	Slightly soluble
Specific Gravity	Not Available
pH Value	Not available
Vapour Pressure	Not applicable
Vapour Density (Air=1)	Not applicable
Flash Point	Not applicable
Flammability	Oxidiser. Non-combustible, however in fire situations oxygen may be liberated and increase the intensity of the fire.
Auto-Ignition Temperature	Not applicable
Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Incompatible Materials	Combustible materials
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including including disodium oxide.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	LD50 (Oral, Rat): 1,200mg/kg
Inhalation	Dust may cause irritation to the mucous membrane and upper airways. Symptoms may include nausea, headaches, sneezing, coughing and breathing difficulties.
Ingestion	Harmful if swallowed. Symptoms may include irritation to the mouth, oesophagus and stomach. Symptoms may include nausea, headaches, and vomiting and severe abdominal pain.
Skin	May cause irritation in contact with the skin, which can result in redness, itching and possible dermatitis.
Eye	May cause irritation in contact with the eyes, which may result in redness, stinging and lachrymation.
Chronic Effects	Prolonged or repeated exposure to this material may result in skin irritation leading to dermatitis. Inhalation may aggravate existing respiratory disorders.

12. ECOLOGICAL INFORMATION

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Product Name : **ENDOPREP BLEACH**

Ecotoxicity	Not available
Persistence / Degradability	Not available
Mobility	Not available
Environ. Protection	Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Dispose of in accordance with all federal, Environmental Protection Authority, state and local regulations.
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14. TRANSPORT INFORMATION

Transport Information	This material is classified as a Class 5.1 (Oxidising Agents) Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 5.1 Dangerous Goods are incompatible in a placard load with any of the following: <ul style="list-style-type: none">- Class 1, Explosives- Class 2.1, Flammable Gases- Class 2.3, Toxic Gases- Class 3, Flammable Liquids- Class 4.1, Flammable Solids- Class 4.2, Spontaneously Combustible Substances- Class 4.3, Dangerous When Wet Substances- Class 5.2, Organic Peroxides- Class 6, Toxic and Infectious Substances, if the Class 6 substance is a fire risk substance- Class 7, Radioactive Substances- Class 8, Corrosive Substances- Class 9, Miscellaneous Dangerous Goods, if the Class 9 substance is a fire risk substance- Fire risk substances- Combustible liquids
U.N. Number	1479
Proper Shipping Name	OXIDIZING SOLID, N.O.S. - (CONTAINS PERBORATE TETRAHYDRATE)
DG Class	5.1
Hazchem Code	1Y
Packaging Method	3.8.5.1
Packing Group	III
EPG Number	5B1
IERG Number	31

15. REGULATORY INFORMATION

Regulatory Information	Australia: Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule	Not Scheduled
Hazard Category	Harmful, Oxidising
AICS (Australia)	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Reviewed: January 2009 Supersedes: February 1999, November 2003
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Contact Person/Point

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