

Material Safety Data Sheet

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Infosafe No™ LPS4B Issue Date : January 2009 ISSUED by PDS

Product Name : **FORMOCRESOL WEAK**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name FORMOCRESOL WEAK
Product Code 34500
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 Used in dentistry for the mummification of pulp tissue in endodontic therapy of adults.
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) R20 Harmful by inhalation.
R24/25 Toxic in contact with skin and if swallowed.
R34 Causes burns.
R40(3) Possible risk of irreversible effects.
R43 May cause sensitization by skin contact.

Safety Phrase(s) S1 Keep locked up
S2 Keep out of reach of children.
S20 When using do not eat or drink.
S23 Do not breathe gas/fumes/vapour/spray
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell seek medical advice immediately

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Other ingredients determined not to be hazardous	Not required	60-100 %
	Formaldehyde	50-00-0	10-<25 %
	O-Cresol	95-48-7	0-<10 %

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. Immediately wash out mouth with water (never give anything by mouth if victim is semi-conscious or unconscious). Seek immediate medical attention.

Skin Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. Seek immediate medical attention.

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First Aid Facilities Safety showers, eye wash fountains and normal washroom facilities.

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Product Name : **FORMOCRESOL WEAK****Advice to Doctor** Treat symptomatically.**Other Information** For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Water, carbon dioxide, dry chemical and foam.**Hazards from Combustion Products** Oxides of carbon, hydrocarbons, aldehydes.**Specific Hazards** Combustible C2 liquid. Will burn if sufficient heat is applied ie. under fire conditions. Will also evolve irritating, corrosive or toxic fumes.**Precautions in connection with Fire** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the 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 Toxic substance. Avoid exposure. Wear appropriate protective clothing and equipment. Use in designated areas with local exhaust ventilation. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not smoke. Exposure without protection must be prevented. It is essential that all who come into contact with this material 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, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.**Storage Regulations** Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well-ventilated area away from naked flames, sparks and other sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Formaldehyde	2.5	2	1.2	1	Cat. 2. Sens.
Biological Limit Values	No biological limit allocated.					
Other Exposure Information	No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC). However, exposure standards for ingredients are stated above:					

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As published by the National Occupational Health and Safety Commission (NOHSC):

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.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

'Sen' Notice: The substance may cause sensitisation by skin contact or by inhalation.

Engineering Controls

Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists 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 organic vapour 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, goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection 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 or Natural Rubber. Final choice of 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.

Body Protection

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	Clear to straw coloured liquid.
Odour	Characteristic odour of formaldehyde.
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Soluble
Specific Gravity	> 1 (water=1)
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Flash Point	>150°C
Flammability	Combustible C2 liquid.
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Extremes of temperature and direct sunlight.

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Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Decomposition may result in toxic and corrosive fumes such as carbon, hydrocarbons and aldehydes.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this material.
Inhalation	Harmful by inhalation. Inhalation of product vapours may cause irritation of the nose, throat and respiratory system and possible harmful corrosive effects including lesions of the nasal septum, pulmonary edema, pneumonitis and emphysema.
Ingestion	Toxic if swallowed. Ingestion of this product may cause irritation to the mouth, throat oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea. Will also cause chemical burns to the mouth, throat and stomach.
Skin	Toxic in contact with skin. Product can be absorbed through skin with resultant toxic systemic effects. May cause sensitisation in contact with the skin.
Eye	Corrosive to eyes - contact can cause corneal burns. Contamination of eyes can result in permanent injury. Eye contact with vapour or liquid will cause stinging, blurring tearing, severe pain and possible permanent eye damage and blindness.
Chronic Effects	Prolonged or repeated exposure to this material may result in skin irritation leading to dermatitis. Inhalation may aggravate existing respiratory disorders.
Mutagenicity	According to NOHSC this product is a category (3) Possible risk of irreversible effects.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Dispose of waste according to applicable local and national regulations.
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14. TRANSPORT INFORMATION

Transport Information	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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15. REGULATORY INFORMATION

Poisons Schedule	S2
Hazard Category	Toxic, Corrosive

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Review: January 2009 MSDS Supersedes: January 2004
Contact Person/Point	

...End Of MSDS...

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