

Material Safety Data Sheet

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Infosafe No™ LPXPP Issue Date :October 2008 ISSUED by COLGATE CS: 1.4.22

Product Name : COLGATE DURAPHAT

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name COLGATE DURAPHAT

Company Name Colgate-Palmolive Pty Ltd (ABN 002 792 163)

Address Australia: Level 14, 345 George Street, Sydney
NSW 2000 Australia

Emergency Tel. AUS 1800 638 556, NZ: 0800 764766

Telephone/Fax Number Tel: AUS (02) 9229 5600 NZ: 04 576 6700
Fax: AUS (02) 9229 5700, NZ: 04 568 8835

Recommended Use Tooth fluoride preparation.

Other Information New Zealand Address: Level 4, 45 Knights Road, Lower Hutt.

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) R11 Highly flammable.
R22 Harmful if swallowed.
R32 Contact with acids liberates very toxic gas.
R43 May cause sensitization by skin contact.

Safety Phrase(s) S16 Keep away from sources of ignition - No smoking.
S20/21 When using, do not eat, drink or smoke.
S23(2) Do not breathe vapour.
S24 Avoid contact with skin.
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
S7 Keep container tightly closed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Colophonium	8050-09-7	30-60 %
	Ethanol	64-17-5	10-30 %
	Sodium Fluoride	7681-49-4	<10 %
	Ingredients determined not to be hazardous	Not required	Balance

4. FIRST AID MEASURES

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion Do NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention.

Skin Remove all clothing from affected area. Wash skin with running water and mild soap. Wash removed clothing before reuse or discard. If irritation develops, 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 off completely. Seek medical attention.

First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

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

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Hazards from Combustion	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Products Specific Hazards	Highly flammable. Vapours will travel considerable distances to sources of ignition.
Hazchem Code	3[Y]
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	For small spills, clean up with suitable absorbent and wash area with water. For large spills, remove sources of ignition. Evacuate all unprotected personnel. Use proper protective equipment to reduce exposure. Place inert absorbent onto material. Collect the material with non-sparking tools and place into a suitable labelled container. Mop up the remaining material and place into the same container. If large quantities of this material enters the environment, contact the relevant regulatory authorities.
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7. HANDLING AND STORAGE

Precautions for Safe Handling	Use only in a well ventilated area. Do not mix with acids or oxidising agents. Keep tank covered and containers sealed when not in use. Build up of mists or vapours in the atmosphere must be prevented. Do not use near welding or other ignition sources. Do not inhale vapours. When dealing with large quantities, repeated or prolonged exposure without protection should be prevented. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.
Conditions for Safe Storage	Store in a cool, dry, well ventilated area, away from sources of ignition, acids and oxidising agents. Keep containers closed when not in use, 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. Do NOT pressurise, cut, heat or weld empty containers as they may contain hazardous residues.
Storage Regulations	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 Local, State and Federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this material, however, the TWA National Occupational Health & Safety Commission (NOHSC) exposure standards for ethanol are as follows; SUBSTANCE															
	<table><thead><tr><th></th><th colspan="2">TWA</th><th colspan="2">STEL</th></tr><tr><th></th><th>ppm</th><th>mg/m3</th><th>ppm</th><th>mg/m3</th></tr></thead><tbody><tr><td>Ethanol</td><td>1000</td><td>1800</td><td>-</td><td>-</td></tr></tbody></table>		TWA		STEL			ppm	mg/m3	ppm	mg/m3	Ethanol	1000	1800	-	-
	TWA		STEL													
	ppm	mg/m3	ppm	mg/m3												
Ethanol	1000	1800	-	-												
	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.															
Biological Limit Values	No biological limit available.															
Engineering Controls	Provide sufficient ventilation. Where vapours or mists are generated, the use of respiratory protection, or a local exhaust ventilation system is recommended.															
Respiratory Protection	Not necessary under normal conditions of use. However, under industrial conditions, where ventilation is inadequate and vapours or mists are generated the use of a respirator is recommended. Refer AS/NZS 1715 and AS/NZS 1716.															
Eye Protection	Not required under normal conditions of use. Industrial Applications: The use of safety glasses as appropriate when handling large quantities. Refer to Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.															

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Product Name : **COLGATE DURAPHAT**

Hand Protection	Impervious gloves should be worn to avoid prolonged skin contact. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection	Not required under normal conditions of use. Industrial Applications: Suitable impervious protective clothing. Final choice is dependent on individual circumstances.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Straw coloured 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
Flash Point	Not available
Flammability	Flammable liquid.
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Incompatible Materials	Strong oxidising agents and acids.
Hazardous Decomposition Products	Hazardous decomposition of this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Hazardous Reactions	Contact with acids liberates very toxic gas.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this material.
Inhalation	May cause respiratory tract irritation. Overexposure to high concentrations may result in similar central nervous system effects to those of ingestion ie. headaches, dizziness, drowsiness, nausea, leading to possible unconsciousness and coma.
Ingestion	Harmful if swallowed. May cause irritation to the gastrointestinal system. Symptoms cmay include nausea, vomiting and diarrhoea.
Skin	May cause irritation in contact with the skin, which may result in redness and itchiness. May cause sensitization by skin contact.
Eye	May cause irritation in contact with the eyes, including redness, stinging and lachrymation.
Chronic Effects	Prolonged contact may cause sensitization by skin contact.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No ecological information available for this product.
Persistence / Degradability	Not available

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Product Name : **COLGATE DURAPHAT**

Mobility	Not available
Bioaccumulative Potential	Not available
Environ. Protection	Prevent this material entering waterways, drains or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Dispose of in accordance with relevant local, state and federal government regulations.
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14. TRANSPORT INFORMATION

Transport Information	This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 3 - Flammable Liquids 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, if both the Class 3 and Class 2.1 dangerous goods are in bulk- Class 2.3, Toxic Gases- Class 4.2 Spontaneously Combustible Substances- Class 5.1 Oxidising Agents and Class 5.2, Organic Peroxides- Class 6 Toxic Substances (where the flammable liquid is nitromethane)- Class 7 Radioactive Substances.
U.N. Number	1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. - Contains Ethanol
DG Class	3
Hazchem Code	3[Y]
Packaging Method	3.8.3RT1
Packing Group	III
EPG Number	3A1
IERG Number	14

15. REGULATORY INFORMATION

Regulatory Information	Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC). Classified as a Scheduled Poison S4 according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule	S4
Hazard Category	Harmful,Irritant,Highly Flammable

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	Date MSDS created: October 2008
Contact Person/Point	24Hr Emergency Response Australia- 1800 638 556 New Zealand- 0800 764 766 ...End Of MSDS...

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