

# Safety Data Sheet

infosafe  
CS: 1.8.6


Page: 1 of 7

Infosafe No™	4ACN1	Issue Date : January 2014	ISSUED by PDS
Product Name	MINT DROPS MOUTHRINSE		

## 1. Identification

GHS Product Identifier	MINT DROPS MOUTHRINSE		
Company Name	Professional Dentist Supplies Pty. Ltd. (ABN 69 088 275 576)		
Address	3/8 Nicole Close Bayswater North VIC 3153 Australia		
Telephone/Fax Number	Tel: +61 3 9761 6615 Fax: +61 3 9730 1073		
Emergency phone number	+61 3 9761 6615 bh		
Recommended use of the chemical and restrictions on use	Pleasant flavoured mouthrinse concentrate prepared by addition to water. Used for pre- and post-operative rinsing.		
Other Names	<u>Name</u>	<u>Product Code</u>	
	MINT DROPS MOUTHRINSE	33904	
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. Hazard Identification

Classification of the substance or mixture	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)		
	Classification: Flammable Liquids: Category 3		
Signal Word (s)	Warning		
Hazard Statement (s)	H226 Flammable liquid and vapour.		
Pictogram (s)	Flame		
			
Precautionary statement – Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P280 Wear protective gloves/protective clothing/eye protection/face protection.		
Precautionary statement – Response	P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P370+P378 In case of fire: Use carbon dioxide, dry chemical, foam, water fog or water mist for extinction. Alcohol resistant foam is preferred. If not available fine water spray/mist can be used.		
Precautionary statement – Storage	P403+P235 Store in a well-ventilated place. Keep cool.		
Precautionary statement – Disposal	P501 Dispose of contents/container to an approved waste disposal plant.		

# Safety Data Sheet

infosafe  
CS: 1.8.6

Page: 2 of 7

Infosafe No™ 4ACN1	Issue Date : January 2014	ISSUED by PDS
Product Name <b>MINT DROPS MOUTHRINSE</b>		

### 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Ethanol	64-17-5	30-60 %
	Other ingredients determined not to be hazardous, including water.		Balance

### 4. First-aid measures

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.
First Aid Facilities	Eyewash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact a Poisons Information Centre or a doctor at once (13 11 26).

### 5. Fire-fighting measures

Suitable extinguishing media	Use carbon dioxide, dry chemical, foam, water fog or water mist. Alcohol resistant foam is preferred. If not available fine water spray/mist can be used.
Unsuitable Extinguishing Media	Do not use water jet.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide and carbon dioxide.
Specific hazards arising from the chemical	Flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.
Hazchem Code	•2Y
Decomposition Temp.	Not available
Precautions in connection with Fire	Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

### 6. Accidental release measures

Personal precautions, protective equipment and 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 and waste management authorities in accordance with local regulations.
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### 7. Handling and storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use in designated areas with local exhaust ventilation, away from sparks, flames and other ignition sources. Use approved flammable liquid
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# Safety Data Sheet

infosafe  
CS: 1.8.6

Page: 3 of 7

Infosafe No™ 4ACN1	Issue Date : January 2014	ISSUED by PDS
Product Name	MINT DROPS MOUTHRINSE	

Conditions for safe storage, including any incompatibilities	storage containers in the work area. Prevent release of vapours and mists into workplace air. Keep containers tightly closed. Take precautionary measures against static discharges. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities. 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, 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. Ensure that storage conditions comply with applicable local and national 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.
Corrosiveness	Not corrosive to aluminium.

## 8. Exposure controls/personal protection

Occupational exposure limit values	Safe Work, Australia Exposure Standards:					
	Substance	TWA		STEL		NOTICES
		ppm	mg/m³	ppm	mg/m³	
	Ethanol	1000	1880	-	-	-
	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 limits allocated.					
Appropriate engineering controls	Provide sufficient ventilation to keep airborne levels below the exposure limits or as low as possible. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to relevant regulations for further information concerning ventilation requirements. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.					
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/ mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. 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, in order to make any necessary changes for individual circumstances.					
Eye Protection	Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.					
Hand Protection	Wear nitrile gloves. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.					
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.					

## 9. Physical and chemical properties

Print Date: 11/01/2014

CS: 1.8.6

# Safety Data Sheet

Infosafe No™	4ACN1	Issue Date : January 2014	ISSUED by PDS
Product Name	MINT DROPS MOUTHRINSE		

Appearance	Liquid
Colour	Dark green
Odour	Not available
Decomposition Temperature	Not available
Melting Point	Not available
Boiling Point	79 to 83°C
Solubility in Water	Soluble
Solubility in Organic Solvents	Not available
Specific Gravity	<1
pH	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Evaporation Rate	Not available
Odour Threshold	Not available
Viscosity	Not available
Partition Coefficient: n-octanol/water	Not available
Flash Point	>23°C
Flammability	Flammable liquid.
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

## 10. Stability and reactivity

Reactivity	Refer to Sec 10: Possibility of hazardous reactions
Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Heat, direct sunlight, open flames and other sources of ignition.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

## 11. Toxicological Information

Toxicology Information	No toxicity data available for this material. The available acute toxicity data for the ingredients are given below.
Acute Toxicity - Oral	Ethanol: LD50 (Rat): 7,060 mg/kg LD50 (Mouse): 3,450 mg/kg
Acute Toxicity - Inhalation	Ethanol: LC50 (Rat): 20,000 ppm/10h LC50 (Rat): >8,000 ppm/4h
Ingestion	Swallowing can cause drunkenness or harmful central nervous system effects. Effects of a small intake may include excitation, euphoria, headache, dizziness, drowsiness, blurred vision and fatigue. Severe acute intoxication

# Safety Data Sheet

infosafe  
CS: 1.8.6

Page: 5 of 7

Infosafe No™ 4ACN1	Issue Date : January 2014	ISSUED by PDS
Product Name MINT DROPS MOUTHRINSE		

Inhalation	may cause hypoglycaemia, hypothermia and extensor rigidity. May result in upper respiratory tract irritation. Inhalation of excessive amounts of vapour can produce central nervous system depression.
Skin	May be irritating to skin. The symptoms may include redness, itching and swelling.
Eye	May be irritating to eyes. The symptoms may include redness, itching and tearing.
Respiratory sensitisation	Not expected to be a respiratory sensitiser.
Skin Sensitisation	Not expected to be a skin sensitiser.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Carcinogenicity	Not considered to be a carcinogenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard.

## 12. Ecological information

Ecotoxicity	No ecotoxicity data available.
Persistence and degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Environmental Protection	Do not discharge this material into waterways, drains and sewers.

## 13. Disposal considerations

Disposal Considerations	Dispose of waste according to applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain flammable residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature.
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## 14. Transport information

Transport Information	<p>This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)</p> <p>Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:</p> <ul style="list-style-type: none"><li>- Class 1, Explosives</li><li>- Division 2.1, Flammable Gases, (Division 2.1 and Class 3 are incompatible in transport if both are in tanks or other receptacles with a capacity individually exceeding 500 L.)</li><li>- Division 2.3, Toxic Gases</li><li>- Division 4.2 Spontaneously Combustible Substances</li><li>- Division 5.1 Oxidising Agents and Division 5.2, Organic Peroxides</li><li>- Class 6 Toxic or Infectious Substances (where the flammable liquid is nitromethane)</li><li>- Class 7: Radioactive materials unless specifically exempted</li></ul> <p>Marine Transport (IMO/IMDG): Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. UN No.: 1170</p>
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# Safety Data Sheet

infosafe  
CS: 1.8.6

Page: 6 of 7

Infosafe No™ 4ACN1	Issue Date : January 2014	ISSUED by PDS
Product Name MINT DROPS MOUTHRINSE		

Proper Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
Class: 3  
Packaging Group: III  
EMS No.: F-E, S-D  
Special Provision(s): 144 223

Air Transport (ICAO/IATA):  
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.  
UN No.: 1170  
Proper Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
Class: 3  
Packaging Group: III  
Label: Flammable Liquid  
Packaging Instructions (passenger & cargo): 355  
Packaging Instructions (cargo only): 366  
Special Provision(s): A3 A58 A180

U.N. Number	1170
UN proper shipping name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class(es)	3
Hazchem Code	*2Y
Packing Group	III
EPG Number	3A1
IERG Number	14
IMDG Marine pollutant	No

## 15. Regulatory information

Regulatory Information	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
Poisons Schedule	Not Scheduled

## 16. Other Information

Date of preparation or last revision of SDS	SDS Reviewed: January 2014 Supersedes: December 2009, January 2004
Literature References	Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code for the Transport of Dangerous Goods by Road & Rail. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. American Conference of Industrial Hygienists (ACGIH) Globally Harmonised System of classification and labelling of chemicals.
Contact Person/Point	...End Of MSDS...

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# Safety Data Sheet

infosafe  
CS: 1.8.6

Page: 7 of 7

Infosafe No™ 4ACN1

Issue Date : January 2014

ISSUED by PDS

Product Name **MINT DROPS MOUTHRINSE**

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