

# Safety Data Sheet

Infosafe No™ LPWZ9 Issue Date : January 2014 ISSUED by PDS

Product Name : **BERRY DROPS MOUTHRINSE**

## 1. Identification

**GHS Product Identifier** BERRY 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.  
**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)  
**Signal Word (s)** Classification:  
Flammable Liquids: Category 3  
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.

## 3. Composition/information on ingredients

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

#### 4. First-aid measures

<b>Inhalation</b>	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
<b>Eye contact</b>	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.
<b>First Aid Facilities</b>	Eyewash and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	For advice in an emergency, contact a Poisons Information Centre or a doctor at once (13 11 26).

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	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.
<b>Unsuitable Extinguishing Media</b>	Do not use water jet.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide and carbon dioxide.
<b>Specific hazards arising from the chemical</b>	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.
<b>Hazchem Code</b>	•2Y
<b>Decomposition Temp.</b>	Not available
<b>Precautions in connection with Fire</b>	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

<b>Personal precautions, protective equipment and emergency procedures</b>	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

<b>Precautions for Safe Handling</b>	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 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
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**Conditions for safe storage, including any incompatibilities**

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.

**8. Exposure controls/personal protection**

**Occupational exposure limit values** Safe Work, Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
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.

No biological limits allocated.

**Biological Limit Values**

**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 gloves of impervious material. 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.

**9. Physical and chemical properties**

<b>Appearance</b>	Liquid
<b>Colour</b>	Bright berry coloured.
<b>Odour</b>	Not available
<b>Decomposition Temperature</b>	Not available

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

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## 10. Stability and reactivity

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

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## 11. Toxicological Information

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<b>Toxicology Information</b>	No toxicity data available for this material. The available acute toxicity data for the ingredients are given below.
<b>Acute Toxicity - Oral</b>	Ethanol: LD50 (Rat): 7,060 mg/kg LD50 (Mouse): 3,450 mg/kg
<b>Acute Toxicity - Inhalation</b>	Ethanol: LC50 (Rat): 20,000 ppm/10h LC50 (Rat): >8,000 ppm/4h
<b>Ingestion</b>	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 may cause hypoglycaemia, hypothermia and extensor rigidity.
<b>Inhalation</b>	May result in upper respiratory tract irritation. Inhalation of excessive amounts of vapour can produce central nervous system depression.
<b>Skin</b>	May be irritating to skin. The symptoms may include redness, itching and swelling.
<b>Eye</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.

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<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitiser.
<b>Skin Sensitisation</b>	Not expected to be a skin sensitiser.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Carcinogenicity</b>	Not considered to be a carcinogenic hazard.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>STOT-single exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>STOT-repeated exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>Aspiration Hazard</b>	Not expected to be an aspiration hazard.

## 12. Ecological information

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

## 13. Disposal considerations

<b>Disposal Considerations</b>	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

<b>Transport Information</b>	<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)                      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                      Proper Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)                      Class: 3                      Packaging Group: III                      EMS No.: F-E, S-D                      Special Provision(s): 144 223</p> <p>Air Transport (ICAO/IATA):</p>
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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  
1170

**U.N. Number**

**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: November 2007, April 2002

**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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