

Material Safety Data Sheet

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Infosafe No. 4ACN1 Issue Date : March 2004 ISSUED by PDS

Product Name : **MINT DROPS MOUTHRINSE**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name MINT DROPS MOUTHRINSE
Company Name Professional Dentist Supplies Pty. Ltd. (ABN 69 088 275 576)
Address Building 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 Pleasant flavoured mouthrinse concentrate prepared by addition to water. Used for pre- and post-operative rinsing.
Other Names Name Product Code
Mint Drop Mouthrinse 33904

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as Hazardous according to criteria of NOHSC.
Classified as a Dangerous Good according to the ADG Code.

Risk Phrases:
R10 Flammable.
Safety Phrases:
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe gas/fumes/vapour/spray
S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS | Proportion |
|--------------------|--|--------------|-------------------|
| | Ethanol | 64-17-5 | 30-60 % |
| | Ingredients determined not to be hazardous | Not required | Balance |

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have a qualified person give oxygen through a face mask if breathing is difficult. If irritation develops and persists, seek immediate medical attention.

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

Skin Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If symptoms develop, seek immediate medical attention.

Eye If contact with the eye(s) occur, wash with copious amounts of water, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops and persists, seek medical attention.

First Aid Facilities An eye wash fountain, safety shower and a general washing facility.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Water spray, carbon dioxide, alcohol resistant foam, dry chemical. Use water spray to keep fire-exposed containers cool.
Do NOT use high volume water jet.

Hazards from Combustion Products Oxides of carbon.

Specific Hazards Flammable. Keep storage tanks, pipelines, fire exposed surfaces etc cool with

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water spray. Ensure adequate ventilation to prevent explosive vapour-air mixture and prevent build-up of electrostatic charges (i.e. by grounding). Vapour/air mixtures may ignite explosively and flashback along the vapour trail. Remove sources of re-ignition.

Hazchem Code 2[Y]

Precautions in connection with Fire Self-contained breathing apparatus (S.C.B.A) and full protective clothing should be worn.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert, non combustible, absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling Repeated or prolonged exposure to this material should be avoided in order to lessen the possibility of disorders. Use in a well ventilated area. Prohibit sources of sparks, ignition and naked flames. Wear appropriate protective equipment. It is essential that all who come into contact with this material, maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or going to the toilet. Build-up of vapour or mist in the working atmosphere must be prevented. Ensure ventilation is adequate. DO NOT enter confined spaces where vapour or mist may have collected. Keep containers closed when not in use. Prevent accumulation of static electricity and earth all equipment.

Conditions for Safe Storage Flammable liquid for storage and handling purposes. Keep tightly closed in a dry, cool, well-ventilated area, out of direct sunlight. Avoid sparks, flames and other ignition sources. Store away from incompatible materials. Provide electrical earthing of equipment and electrical equipment useable in explosive atmospheres. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the store-room 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.

Corrosiveness Not corrosive to aluminium.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| National Exposure Standards | Name | STEL | | TWA | | Footnote |
|-----------------------------------|--|-------|-----|-------|------|----------|
| | | mg/m3 | ppm | mg/m3 | ppm | |
| | Ethanol | | | 1880 | 1000 | |
| Other Exposure Information | No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC). However, all exposure should be kept to the least possible levels as over-exposure to any chemical may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions. Exposure standards for ethanol are listed above. | | | | | |
| Engineering Controls | Provide sufficient ventilation to keep airborne levels to least possible levels. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is recommended. Provide electrical earthing and equipment useable in explosive atmospheres. Refer to AS 1940-The storage and handling of flammable and combustible liquids and AS 2430-Explosive gas atmospheres for further information concerning ventilation requirements. | | | | | |
| Respiratory Protection | Avoid breathing of vapours/mists. Where ventilation is inadequate and vapours/mists are generated, the use of an approved respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended; however final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make | | | | | |

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|--------------------------|---|
| Eye Protection | Chemical safety glasses or face shield recommended as appropriate. Final choice of appropriate eye/face protection will vary according to individual circumstances including methods of handling or engineering controls as determined by appropriate risk assessments. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications. |
| Hand Protection | Impervious gloves (Nitrile rubber) recommended as appropriate. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance. |
| Body Protection | The use of impervious clothing and boots are recommended. |
| Other Information | Biological Limit Values: No biological limit allocated. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------|---|
| Appearance | Dark green liquid. |
| Boiling Point | 79 - 83°C |
| Solubility in Water | Soluble |
| Specific Gravity | < 1 (water=1) |
| Vapour Pressure | Not available |
| Flash Point | > 23°C |
| Flammability | Flammable. Keep away from heat, sparks or naked flames. Electrically link and ground metal containers for transfer of the product to prevent accumulation of static electricity. Ensure adequate ventilation to prevent an explosive vapour-air mixture. Vapours will travel considerable distances to sources of ignition. |
| Flammable Limits - Lower | Not available. |
| Flammable Limits - Upper | Not available. |

10. STABILITY AND REACTIVITY

| | |
|---------------------------------|---|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Heat, ignition sources. |
| Incompatible Materials | Strong oxidisers. |
| Hazardous Polymerization | Will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|--|
| Toxicology Information | No toxicity data is available for this material. |
| Inhalation | May cause irritation to the mucous membrane and upper airways, especially where vapours or mists are generated. Symptoms include sneezing, coughing, wheezing, headache, dizziness, nausea and vomiting. |
| Ingestion | May cause irritation of the gastrointestinal system. Symptoms may include pain, nausea, vomiting and diarrhoea. |
| Skin | May dry and defat the skin resulting in skin irritation and possible contact dermatitis. |
| Eye | May cause irritation to eye which can result in redness, swelling, itching, stinging and excessive tearing. |
| Chronic Effects | Prolonged or repeated contact with this material may result in skin irritation and aggravate existing respiratory disorders. |

12. ECOLOGICAL INFORMATION

| | |
|--------------------|--|
| Ecotoxicity | No data is available for this specific material. |
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Persistence / Degradability No data is available for this specific material.

Mobility No data is available for this specific material.

Environ. Protection Prevent substance from entering the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Dispose of waste according to federal, E.P.A, State and local regulations. Assure conformity with all applicable regulations.

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:

- 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 1170

Proper Shipping Name ETHYL ALCOHOL SOLUTIONS - (Contains Ethanol)

DG Class 3

Hazchem Code 2[Y]

Packaging Method 3.8.3RT1

Packing Group III

IERG Number 14

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Review: January 2004.
MSDS Supersedes: February 1999.

...End Of MSDS...