

Material Safety Data Sheet

CS: 1.4.46

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Infosafe No™ 4ACJ9

Issue Date : January 2009

ISSUED by PDS

Product Name : **NEUTRADET DETERGENT SOLUTION**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

| | | |
|-----------------------------|--|---------------------|
| Product Name | NEUTRADET DETERGENT SOLUTION | |
| 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 | Neutradet solution is a powerful, low foaming detergent with a fresh lavender/mint fragrance that rapidly and efficiently enables the removal of biological soiling from clinical surfaces as well as surgical instruments and equipment (including dental handpieces) prior to disinfection or sterilization. Can be used for general cleaning. | |
| Other Names | <u>Name</u> | <u>Product Code</u> |
| | Neutradet Spray 750mL | 35301 |
| 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) | R43 May cause sensitization by skin contact. |
| Safety Phrase(s) | S23 Do not breathe gas/fumes/vapour/spray S24/25 Avoid contact with skin and eyes. |

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|--------------------|--|------------|-------------------|
| | Formaldehyde | 50-00-0 | <0.5 % |
| | Ingredients determined not to be hazardous | - | Balance |

4. FIRST AID MEASURES

| | |
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| 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 mouth out with water. Seek medical attention. |
| Skin | Wash affected area thoroughly with soap and water. If symptoms develop seek 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 | Eyewash and normal washroom facilities. |
| Advice to Doctor | Treat symptomatically. |
| Other Information | For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once. |

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5. FIRE FIGHTING MEASURES

| | |
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| Suitable Extinguishing Media | Use appropriate fire extinguisher for surrounding environment. |
| Hazards from Combustion Products | Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide. |
| Specific Hazards | This product is non combustible. However, heating can cause expansion or decomposition leading to violent rupture of containers. |
| 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

| | |
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| Emergency Procedures | Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority. |
|-----------------------------|---|

7. HANDLING AND STORAGE

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|--------------------------------------|---|
| Precautions for Safe Handling | Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. 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, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations. |
| Corrosiveness | Not corrosive to aluminium. |
| Storage Temperatures | Below 30°C. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|------------------------------------|--|
| National Exposure Standards | No value is assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC) Australia, however the available exposure limits on the ingredients as provided by NOHSC are as follows: |
|------------------------------------|--|

| Substance | TWA | | STEL | | NOTICES |
|--------------|-----|-------------------|------|-------------------|---------|
| | ppm | mg/m ³ | ppm | mg/m ³ | |
| Formaldehyde | 0.3 | 0.36 | 0.6 | 0.72 | Sen |

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 sensitization by skin contact or by inhalation.

| | |
|--------------------------------|--------------------------------|
| Biological Limit Values | No biological limit allocated. |
|--------------------------------|--------------------------------|

| | |
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| Engineering Controls | Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used. |
| Respiratory Protection | If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/particulate 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. |

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| | |
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| Eye Protection | Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices 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. 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 | Purple liquid. |
| Odour | Not available |
| Melting Point | Not available |
| Boiling Point | 100°C approx. |
| Solubility in Water | Soluble |
| Specific Gravity | Not available |
| pH Value | 7 |
| Vapour Pressure | Not available |
| Vapour Density (Air=1) | Not available |
| Flash Point | Not applicable |
| Flammability | Non-combustible liquid |
| Auto-Ignition Temperature | Not applicable |
| Flammable Limits - Lower | Not applicable |
| Flammable Limits - Upper | Not applicable |

10. STABILITY AND REACTIVITY

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|---|--|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Extremes of temperature and direct sunlight. |
| 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 are available for this material. |
| Inhalation | Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause redness, itching and irritation. May cause sensitization by skin contact. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |

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Chronic Effects Prolonged or repeated contact with this material may result in skin irritation and sensitization.

Carcinogenicity Formaldehyde is listed as a Group 1: Carcinogenic to humans by the International Agency for Research on Cancer (IARC). It is a known animal carcinogen and has been shown to cause cancer of the nasal passages in animals.
Formaldehyde is classified as a Category 3 Carcinogen by the National Occupational Health And Safety Commission (NOHSC).

12. ECOLOGICAL INFORMATION

Ecotoxicity Not available

Persistence / Not available

Degradability

Mobility Not available

Environ. Protection Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Regulatory Information Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Classified as a Scheduled Poison S6 according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Poisons Schedule S6

Hazard Category Irritant

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Reviewed: January 2009
Supersedes: January 2004, July 2007

Contact Person/Point

...End Of MSDS...

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