

Material Safety Data Sheet

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

Product Name : ANTI-RUST TABLETS

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name ANTI-RUST TABLETS
Product Use Used to prevent rusting of metallic surgical instruments when stored in aqueous alcohol/aqueous based disinfectants for prolonged periods of time.
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 Number/Fax Tel: +61 3 9761 6615 Fax: +61 3 9730 1073
Other Names

<u>Name</u>	<u>Product Code</u>
Anti-Rust Tablets	34370

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sodium Nitrite	7632-00-0	98-100 %

3. HAZARDS IDENTIFICATION

Classified as Hazardous according to criteria of NOHSC.
Classified as a Dangerous Good according to the ADG Code.

Risk phrases:
Toxic if swallowed.
Contact with combustible material may cause fire.

Safety phrases:
Keep out of reach of children.
If you feel unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).

4. FIRST AID MEASURES

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

Ingestion If swallowed, DO NOT induce vomiting. SEEK IMMEDIATE MEDICAL ATTENTION. Urgent hospital treatment is likely to be needed.

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 irritation develops, seek medical attention.

Eye If contact with the eye(s) occur, wash with copious amounts of water holding eyelids(s) open. If irritation develops and persists seek medical attention.

First Aid Facilities Eye wash fountains and normal washroom facilities.

Advice to Doctor Treat symptomatically.

Other Information For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 03 4747 000 [Not after May 2005] or 0800 764 766) or a doctor at once.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use appropriate fire extinguisher for surrounding environment.

Specific Hazards Material will not burn if involved in a fire, however contact with combustible material may cause fires.

Precautions in connection with Fire Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise skin exposure.

6. ACCIDENTAL RELEASE MEASURES

Other Information Wear sufficient respiratory protection and protective clothing. Avoid generating dust. Sweep or shovel material into a labelled plastic container. Avoid contact with combustible materials.

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7. HANDLING AND STORAGE

Corrosiveness	Not corrosive to aluminium.
Storage Regulations	This material is a SCHEDULED (S7) POISON and must be stored, handled and maintained according to the appropriate Commonwealth Regulations.
Storage	Store in a cool dry place out of direct sunlight. Store below 30°C. Avoid contact with incompatible materials that are combustible or flammable.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits	No exposure standards have been established for this material, however, the TWA Worksafe Australia exposure standards for dust not otherwise specified is 10 mg/m ³ .
Respiratory Protection	Avoid breathing of vapours or dust. Where ventilation is inadequate and vapours or dust 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 this decision. 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.
Eye Protection	Chemical safety glasses or face shield 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 with Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications.
Hand Protection	Impervious gloves (Nitrile) recommended. 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.
Eng. Controls	Use in a well ventilated area. In processes where vapours/dust are generated, a local ventilation system is recommended. Investigate engineering techniques to reduce exposure to the least possible levels.
Other Information	Biological Limit Values: No biological limit allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White tablets.
Melting Point	271°C
Boiling Point	320°C
Solubility in Water	Soluble
Specific Gravity (H₂O=1)	2.17 (water=1)
Vapour Pressure	Not applicable
Flash Point	Not applicable
Flammability	Oxidiser. Non-flammable, non-combustible, however in fire situations oxygen may be liberated and increase the intensity of the fire.
Flammable Limits LEL	Not applicable
Flammable Limits UEL	Not applicable

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use.
Hazardous Polymerization	Will not occur.
Materials to Avoid	Incompatible with combustible material, acids, ammonium salts, amines, cyanides, and reducing agents.

11. TOXICOLOGICAL INFORMATION

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Toxicology Information
LD50/Oral/Rat = 180 mg/kg.

Inhalation
Dust may cause irritation to the mucous membrane and upper airways. Symptoms may include nausea, headaches, sneezing, coughing and breathing difficulties.

Ingestion
Toxic if swallowed. Symptoms may include nausea, dizziness, vomiting, cyanosis, collapse, abdominal pain, rapid heartbeat and breathing, coma, convulsions, and death.

Skin
May cause irritation in contact with the skin, which can result in redness, itching and possible dermatitis.

Eye
May cause irritation in contact with the eyes, which may result in redness, stinging and lachrymation.

Chronic Effects
Prolonged or repeated exposure to this material may result in skin irritation leading to dermatitis. Inhalation may aggravate existing respiratory disorders.

12. ECOLOGICAL INFORMATION

Environ. Protection Prevent this material entering waterways, drains and sewers.

Mobility No data is available for this material.

Persistence / Degradability No data is available for this material.

Ecotoxicity No data is available for this material.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of in accordance with all federal, Environmental Protection Authority, state and local regulations.

14. TRANSPORT INFORMATION

This material is classified as a Class 5.1 and subsidiary Class 6 Dangerous Good according to the Australian Code for the Transport of Dangerous Goods. This material shall not be loaded or packed in the same vehicle or freight as:

- Explosives (class 1)
- Flammable Gases (class 2.1)
- Toxic Gases (class 2.3)
- Flammable Liquids (class 3),
- Flammable Solids (4.1)
- Spontaneously Combustible Substances (class 4.2)
- Dangerous When Wet Substances (class 4.3)
- Organic Peroxides (class 5.2)
- Toxic Substances (class 6)(where the toxic substances are fire risk substances)
- Radioactive Substances (class 7)
- Corrosive Substances (class 8)
- Miscellaneous Dangerous Goods (class 9)(where the miscellaneous dangerous goods are fire risk substances), or Fire Risk substances or Combustible Liquids.

ADG U.N. Number 1500

ADG Proper Shipping Name SODIUM NITRITE

ADG DG Class 5.1

ADG Sub.Risk 6.1

ADG Hazchem Code 1[Z]

ADG Packaging Method 5.9.5.1

ADG Packing Group III

ADG EPG Number 5B2

ADG IERG Number 31

15. REGULATORY INFORMATION

Risk Phrase R25 Toxic if swallowed.
R8 Contact with combustible material may cause fire.

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Safety Phrase	S2 Keep out of reach of children. S44 If you feel unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).
Poisons Schedule	S5
Hazard Category	Toxic, Oxidising
Packaging & Labelling	Labelling requirements of the Standard for Uniform Scheduling of Drugs and Poisons do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing purposes; however is labelled in accordance with the National Occupational Health and Safety Commission's 'National Code of Practice for the Labelling of Workplace Substances'.

16. OTHER INFORMATION

Contact Person/Point	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. ...End Of MSDS...
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