

Material Safety Data Sheet

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Infosafe No™ LPZCX Issue Date : September 2010 ISSUED by BONDALL

Product Name : **TILEGUARD TILE & GROUT CLEANER**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name TILEGUARD TILE & GROUT CLEANER
Product Code 750ml 63022
Company Name BONDALL PTY LTD (ABN 27 008 734 996)
Address 113 Belmont Avenue
Belmont
WA 6104 Australia
Emergency Tel. 0400 705 773 or Poisons Information Centre: 13 11 26
Telephone/Fax Number Tel: (08) 6272 3800
Fax: (08) 9277 4068
Recommended Use To clean bathroom, laundry & kitchen areas prior to being sealed with Tileguard Tile & Grout Sealer.

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) R36/38 Irritating to eyes and skin.
R60(2) May impair fertility.
R61(2) May cause harm to the unborn child
Safety Phrase(s) S2 Keep out of reach of children.
S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell seek medical advice immediately
S53 Avoid exposure - obtain special instructions before use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Sodium tetraborate decahydrate	1303-96-4	<10 %
	Non hazardous ingredients and water		Balance

4. FIRST AID MEASURES

Inhalation If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
Ingestion Do not induce vomiting. Wash out mouth thoroughly with water and give a glass of water to drink. If symptoms develop seek medical attention.
Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.
Eye If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.
First Aid Facilities Eye wash 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) or a doctor at once.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use appropriate fire extinguisher for surrounding environment.
Hazards from Combustion Products Non-combustible liquid

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Specific Hazards This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.

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

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

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 i.e. 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia. However, the available exposure limits for ingredients are listed below:

National Occupational Health And Safety Commission (NOHSC), Australia Exposure Standards:

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Sodium	-	5	-	-
Tetraborate Decahydrate				

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

Engineering Controls Provide sufficient ventilation to keep airborne levels as low as possible. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

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.

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. 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.

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Body Protection Suitable protective workwear, e.g. impervious overalls buttoned at neck and wrist is recommended. Chemical resistant apron are 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	Yellow liquid
Odour	Lemon
Melting Point	Not applicable
Boiling Point	Above 100°C
Solubility in Water	Completely miscible
Specific Gravity	1.1
pH Value	10-11 (undiluted)
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

Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Not available
Incompatible Materials	Not available
Hazardous Decomposition Products	This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data 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	Irritating to skin. Skin contact will cause redness, itching and swelling.
Eye	Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
Chronic Effects	Prolonged or repeated skin contact may cause defatting leading to dermatitis.
Reproductive Toxicity	May impair fertility . This product is classified by NOHSC as Toxic to reproduction Category 1 (substances that impair fertility in humans) or 2 (substances that should be regarded as if they impair fertility in humans) May cause harm to the unborn child. This product is classified by NOHSC as Toxic to reproduction Category 1 (substances that cause developmental toxicity) or 2 (substances that should be regarded as if they cause developmental toxicity)

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12. ECOLOGICAL INFORMATION

Ecotoxicity This product has low environmental toxicity.
Persistence / Degradability No data available for this product.
Mobility No data available for this product.
Environ. Protection Prevent this material entering waterways, drains and 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 Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).

15. REGULATORY INFORMATION

Regulatory Information Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule S5
Hazard Category Toxic, Irritant

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS created: August 2010
Contact Person/Point Chemist: Tel No: (08) 6272-3800
Emergency: Tel No: 0400 705 773
...End Of MSDS...

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