

Material Safety Data Sheet

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Infosafe No™ LPZCR Issue Date : August 2010 ISSUED by BONDALL

Product Name : **POT AND ORNAMENT CLEANER**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name POT AND ORNAMENT CLEANER
Product Code 40367
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 and prepare surfaces prior to using Pot & Ornament Sealer.

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as a Hazardous Substance according to the criteria of NOHSC.
Risk Phrase(s) Not classified as Dangerous Goods according to the ADG Code.
R34 Causes burns.
Safety Phrase(s) S2 Keep out of reach of children.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Quaternary ammonium compound	68424-85-1	<10 %
	Eucalyptus oil		<10 %
	Alkaline Salts	10213-79-3	<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. Seek immediate medical attention.
Skin Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. 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 Eye wash fountain, safety shower 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 carbon dioxide, dry chemical or foam.
Hazards from Combustion Products Non-combustible material
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.

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Hazchem Code 2X**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, such as diatomaceous earth, 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.**Biological Limit Values** No biological limits allocated.**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.**Body Protection** Suitable protective workwear, e.g. cotton 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** Clear blue/green liquid**Odour** Eucalyptus odour**Melting Point** Not applicable**Boiling Point** Not available**Solubility in Water** Completely soluble

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Specific Gravity	ca. 1.02 at 20°C
pH Value	12.0-12.2 neat solution at 20°C
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. The available toxicity data for one of the ingredients is as follows: Acute toxicity data for Quarternary ammonium compound: LD50 (Oral, Rat): 426 mg/kg Acute toxicity data for Eucalyptus oil: LD50 (Oral, Rat): 2480 mg/kg
Inhalation	Inhalation of mists or vapours will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary edema, pneumonitis and emphysema.
Ingestion	Ingestion of this product will cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.
Skin	Causes burns. Corrosive to the skin. Skin contact can cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.
Eye	Corrosive to eyes - contact can cause corneal burns. Contamination of eyes can result in permanent injury. Eye contact with vapour or liquid will cause stinging, blurring tearing, severe pain and possible permanent eye damage and blindness.
Chronic Effects	Prolonged or repeated skin contact may cause defatting leading to dermatitis.

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.
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14. TRANSPORT INFORMATION

Transport Information	This material is classified as a Class 8 (Corrosive Substances) Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition). Class 8 Dangerous Goods are incompatible in a placard load with any of the following: <ul style="list-style-type: none">- Class 1, Explosives- Division 4.3, Dangerous When Wet Substances- Division 5.1, Oxidising Agents- Division 5.2, Organic Peroxides- Class 6, Toxic or Infectious Substances, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids- Class 7, Radioactive Substances and are incompatible with food and food packaging in any quantity. Strong acids must not be loaded in the same freight container or on the same vehicle with strong alkalis. Packing Group I and II acids and alkalis should be considered as strong.
U.N. Number	1760
Proper Shipping Name	CORROSIVE LIQUID, N.O.S. - (CONTAINS:ALKALINE SALTS)
DG Class	8
Hazchem Code	2X
Packing Group	II
IERG Number	37

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	Corrosive

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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