

MATERIAL SAFETY DATA SHEET

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Product Name: **MOULD RID**

Issue Date: June 2007

Issued by Acryloc Building Products



Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND COMPANY

MSDS 9010

Product Name	Mould Rid Concentrate and Mould Rid (ready to use)
Product Code	15015 & 15020
Type	Water Based (25%)
Product Use	Ready to use recommended dilution 1:20 parts water to give @ 1.25% concentration Prevents growth of fungi and algae on roof tiles (Biocide/Cleaner)
Company name	Bizfine Pty Ltd trading as Acryloc Building Products
Address	174 Cavan Road Dry Creek SA 5094 Australia
Emergency Phone	1300 661 745
Telephone	Tel: (08) 8368 0222 Fax (08) 8348 4260 (inter code ++61)

Other Information

At the date of issue, this MSDS summarises our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Acryloc Building Products cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request. www.acryloc.com.au

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS Number	Proportion (w/w)
Quaternary Ammonium Compound	68424-85-1	2.5 – 7.5%
Biphenyl-2-ol	90-43-7	<2.5%
Water		To 100%

3. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of the NOHSC.

Classified as dangerous goods according to the ADG Code.

RISK: Corrosive. Liquid will cause burns. Toxic if swallowed. May cause fire or explode. Also may cause sensitisation by skin contact. Irritating to respiratory system.

4. FIRST AID MEASURES

Inhalation

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If discomfort persists seek medical attention.

Ingestion

If swallowed, wash out mouth with water. Do **NOT** induce vomiting. Give a glass of water or milk to drink, seek medical attention.

Skin

Immediately remove contaminated clothing and wash skin thoroughly with plenty running water. Seek medical assistance if irritation develops and persists.

Eye

Wash with large amount of water for 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into non-affected eye. If irritation develops or persists, seek medical attention.

First Aid Facilities

No special facilities are required

Advice to Doctor

Treat symptomatically.

Acryloc Building Products Phone 1300 661 745

5. FIRE FIGHTING MEASURES**Extinguishing Media**

Water mist, CO₂, foam, dry powder.

Specific Hazards

Non combustible liquid. However, following evaporation of the aqueous component, product residue may burn in a fire. May decompose on heating, producing toxic fumes. Do not allow product to come in contact with combustible material.

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents - clean up immediately. Wear appropriate protective equipment to prevent skin and eye contamination. Contain – prevent product from entering waterways. Collect free liquid, and soak up residual with suitable inert, dry absorbent. Collect in labelled containers for disposal. Advise local authority if contamination of waterways occurs.

7. HANDLING AND STORAGE**Handling**

Product is Corrosive and Toxic, avoid skin and eye contact and breathing in vapour. Close containers after use.

Storage

Store in a cool, dry place, out of direct sunlight. Avoid contact with strong acids and oxidising agents and foodstuffs. Do-not repack without using proper container and poison label.

Transport in accordance with Australian Dangerous goods code, Issue 8.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION**Exposure Limits**

No exposure standards have been established for this material by the National Occupational Health and Safety Commission (NOHSC) but NOHSC have adopted values as follows:

TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment 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.

Personal Protective Equipment

Avoid skin and eye contact and inhalation of vapour. Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Safety goggles should be selected and fitted in accordance with Australian Standard (AS) 1336 and Australian/New Zealand Standard AS/NZS 1337.

Industrial clothing should conform to the specifications detailed in AS 2919.

Impermeable gloves should conform to AS 2161. All occupational footwear should conform to AS/NZS 2210.

Engineering Controls

Use in a well-ventilated area. Keep containers closed when not in use. Local exhaust ventilation necessary in poorly ventilated areas or confined spaces.

Hygiene Measures

Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Water like bluish liquid, mild odour.
Melting Point	N/A
Boiling Point	@100°C
Solubility in Water	Fully miscible
Specific Gravity	0.98 to 1.00 (H ₂ O=1)
pH	7 to 8
Vapour Pressure	<0.1 kPa
Flash Point	N/A
Flammability Limits	Non-flammable

10. STABILITY AND REACTIVITY

Hazardous	Stable under normal conditions of storage and handling.
Polymerization	Will not occur.
Materials to Avoid	Strong acids and oxidising agents.
Storage	If repacked always store in a non-metallic container

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for the material.
Inhalation	Not normally an inhalation hazard. Irritating to respiratory system. However, the vapours if breathed in are capable of causing serious damage to the throat.
Ingestion	Extremely corrosive to gastro-intestinal tract. Can cause severe burns and poisoning.
Skin	Corrosive to the skin and may cause severe burns. May cause skin sensitisation.
Eye	Highly corrosive and may cause severe and permanent damage.
Chronic Effects	No sensitizing effects known.

12. ECOLOGICAL INFORMATION

Environ. Protection	Avoid contaminating waterways.
Ecotoxicity	Biodegradable below minimum inhibitory concentration.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Should not be drained into open course. Dispose of in accordance with local Waste Management Authority regulations.
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14. TRANSPORT INFORMATION

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number:	1760	ADG Proper:	None Allocated
Shipping Name	Mould Rid Concentrate and Mould Rid (ready to use)		
DG Class	8 (Corrosive)		
Hazchem Code	2X		
Packing Group	III		

15. REGULATORY INFORMATION

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16. OTHER INFORMATION

Emergency Use	Poison Information Centre: 131126
Contact Person/Point	Technical Support: 1300 661 745
SDS History	MSDS created April 2005 MSDS revised June 2007. Reason for review: New Fax number

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