



Date of Issue: 16 June, 2008

material safety data sheet

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Vanish
Code	50090
Product Use	Acidic descaler
Company Name	Cafetto
Address	12 Coglin Street, Brompton SA 5007, Australia
Telephone	Australia 1300 364 440 New Zealand 0800 772 227 International +61 8 8245 6901 USA 877 263 2567
Facsimile	Australia 1300 737 538 New Zealand 0800 440 182 International +61 8 8340 2485
Emergency Phone	Australia 131 126 New Zealand 0800 764 766 USA 1800 222 1222

2. HAZARDS IDENTIFICATION

Classification	HAZARDOUS SUBSTANCE. DANGEROUS GOODS Poisons Schedule S6.
Risk Phrase	R34 Causes burns.
Safety Phrases	S1/2 Keep locked up and out of the reach of children. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of soap suds. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Sulphamic (Sulfamic) acid	5329-14-6	81%
	Ingredients determined not to be hazardous	Not required	Balance



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4. FIRST AID MEASURES

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek urgent medical attention.
Eye	If in eyes, hold eye lids 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 urgent medical attention.
Skin	If skin contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not re-use contaminated clothing until washed. Seek medical attention.
Inhaled	Not normally a problem due to method of use. However if breathing is affected, remove victim from contaminated area. If problem persists seek urgent medical attention.
First Aid Facilities	An eye wash fountain, safety shower and general washing facility should be available adjacent to the work area.
Advice to Doctor	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 131 126; New Zealand 0800 764 766; USA 1800 222 1222)

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use appropriate extinguishing media to suit surrounding area. Do not use a direct water stream.
Hazards from Combustion	Material does not burn. If involved in fire hazardous decomposition products include toxic gases and vapours.
Precautions for Fire Fighters	Wear chemical splash suit and SCBA. Keep containers cool by spraying with water. Contact with metals may evolve flammable hydrogen gas.
Hazchem	2Z

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Keep unauthorised people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Clean Up	Use dry clean up procedure, avoid creating dust. Collect and put into plastic bags or containers and dispose of through waste disposal contractor. Rinse area with water.



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7. HANDLING AND STORAGE

Handling	Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Keep containers closed when not in use. Maintain a high standard of personal hygiene. Wash hands immediately after using product.
Storage	Corrosive product. Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as caustic compounds, chlorine bleaches, aluminium or zinc. Ensure storage area is secure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	No exposure standards are assigned for the product or Sulphamic acid.
Engineering Controls	Ensure ventilation is adequate.
Personal Protective Equipment	Wear goggles or safety glasses and impervious gloves. If mist or vapour exists wear respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White granular powder with mild odour.
Solubility in Water	Soluble
pH at 1%	<1
Flash Point	Not applicable
Melting Point	Not applicable
Boiling Point	Not available
Specific Gravity	Not relevant

10. STABILITY AND REACTIVITY

Stability	Stable product.
Hazardous Polymerisation	Will not occur.
Conditions to Avoid	Do not mix with caustic compounds or chlorine bleaches.
Incompatible Materials	Reacts violently with caustic and evolves chlorine gas if mixed with chlorine bleach. Attacks aluminium, tin and zinc and concrete.



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11. TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause chemical burns to the mouth, oesophagus and gastrointestinal tract.
Eye	Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness if not treated promptly.
Skin	Contact with skin will result in severe irritation. Corrosive to skin – may cause skin burns.
Inhalation	Vapours and mists cause severe irritation to the mucous membranes and upper respiratory tract.
Chronic Effects	Prolonged or repeated exposure to this product will result in skin irritation and possibly result in dermatitis.
Toxicological Data	For Sulphamic acid Skn-hmn 4%/5D – I Mild Ori-rat LD50: 3160 mg/kg (Reference: Dangerous Properties of Industrial Materials 7 th Edition)

12. ECOLOGICAL INFORMATION

Ecotoxicity	Avoid contaminating waterways.
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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

UN No.	2967
Proper Shipping Name	SULFAMIC ACID
Hazchem Code	2 Z
Class	8 Corrosive
Packing Group	III



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15. REGULATORY INFORMATION

Classification This material is classified as hazardous according to criteria of ASCC
C: Corrosive.

Approvals

16. OTHER INFORMATION

Contact Point Cafetto. Phone +61 8 8245 6901
24 hour medical emergency 131 126 (Australia) 0800 764 766 (New
Zealand) 1800 222 1222 (USA)

Date of Preparation 16th June 2008