

Date of Issue: 10th August 2011

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Restore
Code	50606
Product Use	BFA and OMRI Registered acid descaler for use in organic systems.
Company Name	Cafetto
Address	12 Coglin Street, Brompton SA 5007, Australia
Telephone	Australia 1300 364 440 New Zealand 0800 772 227 Singapore 800 616 3122 International +61 8 8245 6901
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

2. HAZARDS IDENTIFICATION

Classification	NON – HAZARDOUS SUBSTANCE, NON – DANGEROUS GOODS
Risk Phrase	Poisons Schedule: not classified Irritating to eyes and skin
Safety Phrases	Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Citric acid	77-92-9	>60%
	Ingredients determined not to be hazardous	Not required	Balance

4. FIRST AID MEASURES

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention if symptoms persist.
Eye	If in eyes, hold eye lids apart and flush the eye continuously with running water for at least 15 minutes. Seek medical attention.
Skin	If skin contact occurs, remove contaminated clothing and wash off with water. Do not re-use contaminated clothing until washed. Seek medical attention if symptoms persist.
Inhaled	Not normally a hazard due to nature of use. However if breathing is affected move to fresh air. Seek medical attention if required.
First Aid Facilities	An eye wash 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)

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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	None assigned for product.

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	For minor spills sweep up, then rinse area with water.

7. HANDLING AND STORAGE

Handling	Tear open sachet or scoop out of jar and dissolve in water. Reseal jar after use. Wash hands if skin contact has occurred.
Storage	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 listed for the product.
Engineering Controls	Ensure adequate ventilation.
Personal Protective Equipment	Wear gloves and goggles if decanting or cleaning up spillage of neat product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless to white crystals with negligible odour.
Solubility in Water	Soluble
pH at 1%	2.1
Flash Point	Not relevant
Melting Point	Blend
Boiling Point	Not relevant
Specific Gravity	1.66

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Stability	Stable product.
Hazardous	Will not occur.
Polymerisation	
Conditions to Avoid	Avoid high heat.
Incompatible Materials	Reacts with caustic and evolves chlorine gas if mixed with chlorine bleach.

11. TOXICOLOGICAL INFORMATION

Ingestion	Irritating to gastro intestinal tract.
Eye	Irritating to eyes. Will cause severe irritation if not rinsed promptly.
Skin	Contact with skin can result in irritation.
Inhalation	Airborne dust can cause 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	None available for product. For citric acid. Oral LD L50 : 6730mg/kg (rat) Skin 500mg/24H: Moderate (rabbit) (Reference: Dangerous Properties of Industrial Materials 7th Edition)

12. ECOLOGICAL INFORMATION

Ecotoxicity	For citric acid Goldfish LCo: 625mg/l Inherent biodegradability 98% after 7 days. 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.	None allocated
Proper Shipping Name	None allocated
Hazchem Code	None allocated
Class	None allocated
Packing Group	None allocated

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15. REGULATORY INFORMATION

Classification This material is not classified as hazardous according to criteria of Safe Work Australia..

16. OTHER INFORMATION

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

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