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Date of Issue: 2 March, 2015

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Restore
Product Use	Coffee machine 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 Singapore 800 616 3122
Facsimile	Australia 1300 737 538 New Zealand 0800 440 182 International +61 8 8340 2485
Emergency Phone	Australia 131 126

2. HAZARDS IDENTIFICATION

GHS Classification	Eye Irritation 2
Signal Word	WARNING
Hazard Statements	Causes serious eye irritation.
Precautionary Statements	Keep out of reach of children. Wash hands thoroughly after handling. Wear eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. IF ON SKIN: Wash with plenty of soap and water.

Pictograms



**Product Name: Restore****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Name	CAS	Proportion
	Citric acid	77-92-0	>60%
	Tartaric acid	87-69-4	5 -10%
	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.
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.
Skin	If skin contact occurs, remove contaminated clothing and flush skin with running water. Seek medical attention if irritation persists.
Inhaled	Not normally a problem due to method of use and non volatile nature of product.
First Aid Facilities	An eye wash fountain, 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)

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	None assigned for product.



**Product Name: Restore**

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%	2.4
Flash Point	Not relevant
Melting Point	Blend
Boiling Point	Not relevant
Specific Gravity	1.66



**Product Name: Restore**

10. STABILITY AND REACTIVITY

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.





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14. TRANSPORT INFORMATION

UN No.	None allocated
Proper Shipping Name	None allocated
Hazchem Code	None allocated
Class	None allocated
Packing Group	None allocated

15. REGULATORY INFORMATION

Classification	Not classified as a scheduled poison. Detergents Directive EC648/2004: Non-ionic surfactants <5%
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16. OTHER INFORMATION

Contact Point	Cafetto. Phone +61 8 8245 6901 24 hour medical emergency 131 126 (Australia) 0800 764 766 (New Zealand)
Date of Preparation	3 rd March 2015

