

Date of Issue: 18<sup>th</sup> July 2007

material safety data sheet

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>Product Name</b>	<b>Decalcifying Solution</b>
<b>Code</b>	50596
<b>Product Use</b>	Descaler for domestic espresso machines
<b>Company Name</b>	Cafetto
<b>Address</b>	12 Coglin Street, Brompton SA 5007, Australia
<b>Telephone</b>	Australia 1300 364 440 New Zealand 0800 772 227 International +61 8 8245 6901
<b>Facsimile</b>	Australia 1300 737 538 New Zealand 0800 440 182 International +61 8 8340 2485
<b>Emergency Phone</b>	Australia 131 126 New Zealand 0800 764 766

## 2. HAZARDS IDENTIFICATION

<b>Classification</b>	NON - HAZARDOUS SUBSTANCE, NON – DANGEROUS GOODS
<b>Risk Phrase</b>	Poisons Schedule – Not classified R36/38 Irritating to eyes and skin
<b>Safety Phrases</b>	S2 Keep out of reach of children S24/25 Avoid contact with skin and eyes

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Glycolic acid	79-14-1	1 - 10%
	Organic acid	Not disclosed	10 -30%
	Ingredients determined not to be hazardous	Not required	Balance

## 4. FIRST AID MEASURES

<b>Ingestion</b>	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention.
<b>Eye</b>	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 medical attention if pain persists.
<b>Skin</b>	If skin contact occurs, remove contaminated clothing and flush skin with running water. Seek medical attention if irritation persists.
<b>Inhaled</b>	Not normally a problem due to method of use and non volatile nature of product.
<b>First Aid Facilities</b>	An eye wash fountain, and general washing facility should be available adjacent to the work area.
<b>Advice to Doctor</b>	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 131 126; New Zealand 0800 764 766)

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## 5. FIRE FIGHTING MEASURES

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<b>Extinguishing Media</b>	Use appropriate extinguishing media to suit surrounding area.
<b>Hazards from Combustion</b>	Material does not burn.
<b>Precautions for Fire Fighters</b>	Wear chemical splash suit.
<b>Hazchem</b>	Not required.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Emergency Procedures</b>	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.
<b>Clean Up</b>	For minor spills mop up and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Neutralise with soda ash or lime. 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

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<b>Handling</b>	Avoid skin contact if possible. Wash hands immediately after using product.
<b>Storage</b>	Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as chlorinated products.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>Exposure Standards</b>	None listed for product.
<b>Engineering Controls</b>	Use in well ventilated area.
<b>Personal Protective Equipment</b>	Wear gloves if cleaning up spillage or handling large quantities.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Clear yellow green liquid with neutral odour.
<b>Solubility in Water</b>	Soluble
<b>pH</b>	1.8
<b>Flash Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Specific Gravity</b>	1.156

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions.
<b>Hazardous</b>	Will not occur.
<b>Polymerisation</b>	
<b>Conditions to Avoid</b>	No special conditions.
<b>Incompatible Materials</b>	Reacts with chlorinated products liberating chlorine gas.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Ingestion</b>	Swallowing can result in nausea, vomiting, diarrhoea and abdominal pain. Can cause irritation to the mouth, oesophagus and gastrointestinal tract.
<b>Eye</b>	Irritating to eyes. Capable of causing pain and redness if not rinsed promptly.
<b>Skin</b>	Contact with skin may result in irritation, redness and itching.
<b>Inhalation</b>	Not normally a problem due to the physical nature of the product.
<b>Chronic Effects</b>	Prolonged or repeated exposure to this product to skin may result in skin irritation and possibly result in dermatitis.
<b>Toxicological Data</b>	None available for Decalcifying Solution

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	No information available. Avoid contaminating waterways.
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## 13. DISPOSAL CONSIDERATIONS

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Rinse container after use and dispose of in general rubbish or in recycling bin..

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## 14. TRANSPORT INFORMATION

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<b>UN No.</b>	None allocated
<b>Proper Shipping Name</b>	None allocated
<b>Hazchem Code</b>	None allocated
<b>Class</b>	None allocated
<b>Packing Group</b>	None allocated

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## 15. REGULATORY INFORMATION

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<b>Classification</b>	This material is not classified as hazardous according to criteria of ASCC. It is not a scheduled poison.
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## 16. OTHER INFORMATION

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