

Date of Issue: 30<sup>th</sup> April 2013

safety data sheet

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

|                        |   |
|------------------------|---|
| <b>Product Name</b>    | <b>Cafetto @ Home Eco Descaler Powder</b>   |
| <b>Product Use</b>     | For cleaning and descaling coffee 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<br>Singapore 800 616 3122 International +61 8 8245 6901 |
| <b>Facsimile</b>       | Australia 1300 737 538 New Zealand 0800 440 182<br>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<br>Irritating to eyes and skin  |
| <b>Safety Phrases</b> | Keep out of the reach of children.<br>Avoid contact with skin and eyes.<br>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

|                             |   |
|-----------------------------|---|
| <b>Ingestion</b>            | If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention if symptoms persist.   |
| <b>Eye</b>                  | If in eyes, hold eye lids apart and flush the eye continuously with running water for at least 15 minutes. Seek medical attention.  |
| <b>Skin</b>                 | 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. |
| <b>Inhaled</b>              | Not normally a hazard due to nature of use. However if breathing is affected move to fresh air. Seek medical attention if required.   |
| <b>First Aid Facilities</b> | An eye wash 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)   |

Date of Issue: 30<sup>th</sup> April 2013**Product Name: Cafetto @ Home Eco Descaler Powder****5. FIRE FIGHTING MEASURES**

|                                      |  |
|--------------------------------------|--|
| <b>Extinguishing Media</b>           | Use appropriate extinguishing media to suit surrounding area. Do not use a direct water stream.  |
| <b>Hazards from Combustion</b>       | Material does not burn. If involved in fire hazardous decomposition products include toxic gases and vapours.                              |
| <b>Precautions for Fire Fighters</b> | Wear chemical splash suit and SCBA.<br>Keep containers cool by spraying with water. Contact with metals may evolve flammable hydrogen gas. |
| <b>Hazchem</b>                       | None assigned for product.   |

**6. ACCIDENTAL RELEASE MEASURES**

|                             |  |
|-----------------------------|--|
| <b>Emergency Procedures</b> | Keep unauthorised people away.<br>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 sweep up, then rinse area with water.   |

**7. HANDLING AND STORAGE**

|                 |  |
|-----------------|--|
| <b>Handling</b> | Tear open sachet and dissolve in water. Wash hands if skin contact has occurred.   |
| <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 caustic compounds, chlorine bleaches, aluminium or zinc |

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

|                                      |   |
|--------------------------------------|---|
| <b>Exposure Standards</b>            | No exposure standards are listed for the product. |
| <b>Engineering Controls</b>          | Ensure adequate ventilation.                      |
| <b>Personal Protective Equipment</b> | Not required for normal use.                      |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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

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

**11. TOXICOLOGICAL INFORMATION**

|                           |   |
|---------------------------|---|
| <b>Ingestion</b>          | Irritating to gastro intestinal tract.  |
| <b>Eye</b>                | Irritating to eyes. Will cause severe irritation if not rinsed promptly.  |
| <b>Skin</b>               | Contact with skin can result in irritation.   |
| <b>Inhalation</b>         | Airborne dust can cause irritation to the mucous membranes and upper respiratory tract.   |
| <b>Chronic Effects</b>    | Prolonged or repeated exposure to this product will result in skin irritation and possibly result in dermatitis.  |
| <b>Toxicological Data</b> | None available for product. For citric acid.<br>Oral LD L50 : 6730mg/kg (rat)<br>Skin 500mg/24H: Moderate (rabbit)<br>(Reference: Dangerous Properties of Industrial Materials 7th Edition) |

**12. ECOLOGICAL INFORMATION**

|                    |  |
|--------------------|--|
| <b>Ecotoxicity</b> | For citric acid Goldfish LCo: 625mg/l<br>Inherent biodegradability 98% after 7 days.<br>Avoid contaminating waterways. |
|--------------------|--|

**13. DISPOSAL CONSIDERATIONS**

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

**14. TRANSPORT INFORMATION**

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

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**16. OTHER INFORMATION**

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

**Date of Preparation**                30<sup>th</sup> April 2013