

PRODUCT NAME: **Bathroom Master**

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### 1. IDENTIFICATION OF MATERIAL & SUPPLIER

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**NAME:** Ecowash Solutions Pty Ltd  
**ADDRESS:** 41 Chard Rd, BROOKVALE NSW 2100  
**PHONE:** 02 9938 9444  
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**EMERGENCY NO:** 02 9938 9444  
**WEBSITE:** www.ecowashsolutions.com.au  
**SYNONYM(S)** No Data  
**USE(S)** Heavy duty mould and mildew remover for use in shower recesses, bathroom areas  
**MSDS DATE:** 04 July 2011

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### 2. HAZARDS IDENTIFICATION

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<b>UN No.</b>	1760	<b>DG Class</b>	8	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Pkg Group</b>	II	<b>Hazchem Code</b>	2R	<b>EPG</b>	None Allocated

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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INGREDIENT	FORMULA	CAS NO.	CONTENT
Sodium Hydroxide	NOT AVAILABLE	1310-73-2	←10
Sodium Hypochlorite	NOT AVAILABLE	7681-52-9	←10
Amine Oxide	NOT AVAILABLE	70592-80-2	←10
Fatty Acid Sarcoside Sodium Salt	NOT AVAILABLE	68439-57-6	←10
Water	H2O	7732-18-5	30 – 60%

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### 4. FIRST AID MEASURES

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**EYE** If in eyes, hold eyes open, flood with water for at least 15 minutes and seek a doctor immediately.

**INHALATION** Remove from exposure immediately to fresh air, rest patient and seek medical advice if necessary. If NOT breathing apply artificial resuscitation.

**SKIN** Remove all contaminated clothing. Wash skin thoroughly, preferably with mild soap and water. Wash contaminated clothing thoroughly before re-use, using laundry powder or soap and cold water. Rinse detergent clear.

**INGESTION** If swallowed, do NOT induce vomiting. Give a glass of water to drink

**ADVICE TO DOCTOR** Treat symptomatically, Is severely irritant to eyes. Vomiting should not have been induced because of risk of aspiration into the lungs.

**FIRST AID FACILITIES** Eye wash. Hand-wash basin and an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming.

### 5. FIRE FIGHTING MEASURES

<b>FLAMMABILITY</b>	Non Flammable
<b>EXTINGUISHING</b>	Water
<b>HAZCHEM CODE</b>	2R

### 6. ACCIDENTAL RELEASE MEASURES

<b>SPILLAGE</b>	Dispose of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, Inform others to keep at a safe distance. CARE! Spillages will be slippery.
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### 7. STORAGE AND HANDLING

<b>STORAGE / HANDLING</b>	Storage Advice: Store at room temperature, well-ventilated place, out of reach of children. Store in original container, keep container upright in a cool dry area out of the sun. Protect from physical damage. Clean up all spills and splashes promptly, avoid secondary accidents. Keep the lid on container closed when not in use. Store away from corrosive 8 acids and oxidising agents. Also keep away from foodstuffs. Transport in accordance to the code of Transport for Dangerous Goods.
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### 8. EXPOSURE CONTROLS / PERSONAL EQUIPMENT

<b>EXPOSURE STANDARDS</b>	Low toxicity (available chlorine 62,500 ppm)
<b>BIOLOGICAL LIMIT VALUES</b>	No Data
<b>ENGINEERING CONTROLS</b>	Ensure adequate ventilation (same as outdoors) when using to maintain exposure levels below standards. Use mechanical ventilation or extraction, as appropriate, to keep concentration of chlorine in atmosphere low. Segregate from other chemicals, including separate spill containment. Use corrosion proof structures and fittings.
<b>PPE</b>	Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard. Normal Use: Gloves, rubber or plastic, boots, goggles or glasses Industrial Quantities: Face shield or safety glasses

### 9. PHYSICAL & CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Clear liquid. May become pale brown on storage.	<b>SOLUBILITY (WATER):</b>	No Data
<b>ODOUR:</b>	Slight Chlorine odour	<b>SPECIFIC GRAVITY:</b>	
<b>pH:</b>		<b>% VOLATILES:</b>	70% w/w
<b>VAPOUR PRESSURE:</b>	Not Available	<b>FLAMMIBILITY:</b>	Non Flammable
<b>VAPOUR DENSITY:</b>	Not Available	<b>FLASH POINT:</b>	Greater than 61C
<b>BOILING POINT:</b>	No Data	<b>UPPER EXPLOSION LIMIT:</b>	No Data
<b>MELTING POINT:</b>	No Data	<b>LOWER EXPLOSION LIMIT:</b>	No Data
<b>EVAPORATION RATE:</b>	No Data	<b>AUTOIGNITION:</b>	No Data

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### 10. STABILITY & REACTIVITY

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**MATERIAL TO AVOID:** No Data  
**DECOMPOSITION:** No Data

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### 11. TOXICOLOGICAL INFORMATION

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**HEALTH HAZARD SUMMARY** Acute  
Hazardous according to the Criteria of Workplace Australia. Product is harmless when used according to directions.

**EYE** Extreme irritant will cause redness. Concentrated solutions can cause severe burns and permanent eye damage

**INHALATION** Not normally an inhalation hazard, however if breathed in fumes can cause irritation of the nose and throat.

**SKIN** May cause irritation and de-fatting of the skin  
Chronic Prolonged contact with skin may cause dermatitis

**INGESTION** Severely irritating to mucous membranes. Is likely to cause gastric upset, nausea, intense irritation, pain and possible vomiting.

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### 12. ECOLOGICAL INFORMATION

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**ENVIRONMENT** WATER: If released to waterways, alkaline products may change the pH of the waterway. Fish will die if the pH reaches 10-11 (goldfish 10.9, bluegill 10.5). SOIL: May leach to groundwater with toxic effects on aquatic life as above. ATMOSPHERE: Not expected to reside in the atmosphere. Drops or particles released to atmosphere should be removed by gravity and/or be rained out

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### 13. DISPOSAL CONSIDERATION

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**WASTE DISPOSAL** For small amounts absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information.

**LEGISLATION** Dispose of in accordance with relevant local legislation.

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### 14. TRANSPORT INFORMATION

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### 15. REGULATORY INFORMATION

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**POISON SCHEDULE** No Data  
**AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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### 16. OTHER INFORMATION

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#### ADDITIONAL INFORMATION:

Additional Information

**EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES:** Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

**ABBREVIATIONS:**

ADB - Air-Dry Basis.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m<sup>3</sup> - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

TWA/ES - Time Weighted Average or Exposure Standard.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:** The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE:** It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

This document has been compiled by the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS'). It is based on information concerning the product which has been provided to Ecowash Solutions obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue.

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