

PRODUCT NAME: **Bench Sanitiser R.T.U.**

### 1. IDENTIFICATION OF MATERIAL & SUPPLIER

**NAME:** Ecowash Solutions Pty Ltd  
**ADDRESS:** 41 Chard Rd, BROOKVALE NSW 2100  
**PHONE:** 02 9938 9444  
**FAX:** 02 9905 7222  
**EMERGENCY NO:** 02 9938 9444  
**WEBSITE:** [www.ecowashsolutions.com.au](http://www.ecowashsolutions.com.au)  
**SYNONYM(S)** Bench Sanitiser – Ready To Use  
**USE(S)** No rinse surface disinfectant. AQIS Listed.  
**MSDS DATE:** 04 July 2011

### 2. HAZARDS IDENTIFICATION

Not classified as hazardous according to NOHSC criteria.

Non-dangerous goods.

Risk Phrases R: None

Safety Phrases S: 25 Avoid Contact with Eyes

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	CONTENT
Deemed not to be hazardous		← 10%
Water	7732-18-5	To 100%

### 4. FIRST AID MEASURES

**EYE** Hold eyes open, flood with water for at least 1 minute and seek medical advice.  
**INHALATION** Remove from exposure.  
**SKIN** Remove contaminated clothing and wash skin thoroughly.  
**INGESTION** Do not induce vomiting. Give glass of water to drink  
**ADVICE TO DOCTOR** Product is a very dilute solution of an amphoteric biocide. Contact Poisons Information Centre.  
**FIRST AID FACILITIES** Recommended: Eye wash. Hand washbasin.

### 5. FIRE FIGHTING MEASURES

**FLAMMABILITY** Non-Flammable  
**FIRE & EXPLOSION** Non-Flammable  
**EXTINGUISHING** Water  
**HAZCHEM CODE** None assigned

### 6. ACCIDENTAL RELEASE MEASURES

<b>SPILLAGE</b>	<p>Emergency Procedures:</p> <p>Contain. Prevent spillages from entering natural waters.</p> <p>For large spills:</p> <p>Contain spillage using sand or earth. Transfer liquid and solids to suitable container. Treat residues as for small spillage.</p> <p>For small spills:</p> <p>If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise, absorb on inert absorbent, transfer to suitable container and arrange removal by disposals company. Wash site of spillage thoroughly with water and detergent.</p>
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### 7. STORAGE AND HANDLING

<b>STORAGE</b>	Store in a cool, well-ventilated place, out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep container tightly closed and out of direct sunlight. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.
<b>HANDLING</b>	Avoid contact with skin and eyes.

### 8. EXPOSURE CONTROLS / PERSONAL EQUIPMENT

<b>EXPOSURE STANDARDS</b>	ES-TWA: None assigned. ES-STEL: None assigned.
	ES-PEAK: None. Notations: None.
<b>BIOLOGICAL LIMIT VALUES</b>	No data found.
<b>PPE</b>	<p>Avoid contact with skin and eyes. Avoid breathing aerosols. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard: -</p> <p>Normal Use: gloves &amp; goggles.</p> <p>Industrial Quantities:</p> <p>Face shield or safety glasses Gloves, rubber or plastic apron, sleeves and boots Impervious overalls.</p>

### 9. PHYSICAL & CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Clear, almost colourless, mobile liquid.	<b>SOLUBILITY (WATER):</b>	Miscible with water in all proportions.
<b>ODOUR:</b>	Odourless	<b>SPECIFIC GRAVITY:</b>	1 g/mL @ 20 °C
<b>pH:</b>	7.7 - 8.7.	<b>% VOLATILES:</b>	→ 95 % (as water)
<b>VAPOUR PRESSURE:</b>	23 hPa @ 20 °C	<b>FLAMMIBILITY:</b>	None
<b>VAPOUR DENSITY:</b>	No data.	<b>FLASH POINT:</b>	None
<b>BOILING POINT:</b>	100 °C	<b>UPPER EXPLOSION LIMIT:</b>	Not Relevant
<b>MELTING POINT:</b>	About 0 °C	<b>LOWER EXPLOSION LIMIT:</b>	Not Relevant
<b>EVAPORATION RATE:</b>	No data.	<b>AUTOIGNITION:</b>	Not Relevant
<b>DENSITY:</b>	No Data		

#### Other Information:

Aqueous solution. May be incompatible with other surfactant/disinfectants. Slippery when spilled.

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## 10. STABILITY & REACTIVITY

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<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Incompatible materials.
<b>Incompatible Materials:</b>	Oxidising agents, strong acids, caustic alkalis.
<b>Hazardous Decomposition Products:</b>	Oxides of nitrogen.
<b>Hazardous Reactions:</b>	None known.

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## 11. TOXICOLOGICAL INFORMATION

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<b>HEALTH HAZARD SUMMARY</b>	No data available for the mixture. Information presented relates to individual ingredients.
<b>EYE</b>	May cause mild irritation.
<b>INHALATION</b>	An unlikely route, owing to the low volatility of active ingredients.
<b>SKIN</b>	May cause mild irritation on prolonged contact.
<b>INGESTION</b>	May cause mild gastric upset, with possible nausea and vomiting. A possible aspiration risk.

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity:** Harmful to microorganisms.  
**Persistence and degradability:** Biodegradable.  
**Mobility:** Readily transported by water.  
**Environmental Fate:** No data.  
**Bioaccumulative potential:** No data.

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## 13. DISPOSAL CONSIDERATION

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<b>WASTE DISPOSAL</b>	Avoid disposal to natural waters or the environment.
<b>LEGISLATION</b>	Not Available

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## 14. TRANSPORT INFORMATION

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<b>SHIPPING NAME:</b>	None Assigned			
<b>UN No.</b>	None	<b>DG CLASS</b>	None	<b>SUBSIDIARY RISK(S)</b> None
<b>Pkg GROUP</b>	None	<b>HAZCHEM CODE</b>	None assigned	<b>EPG</b>

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## 15. REGULATORY INFORMATION

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<b>POISON SCHEDULE</b>	Not a scheduled poison.
<b>AICS</b>	Listed.

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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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