

## Section 1: Identification of the Material and Supplier

**Product Name:** ECO-Shower

**Other Names:** Dilute aqueous solution.

**Proper shipping name (ADG Code):** None assigned.

**Recommended use:** In the preparation of water and oil repellent coatings for concrete and other porous mineral surfaces.

**Supplier:**

**Ecowash Systems**

ACN: 003 060 160

50 Chard Road, BROOKVALE NSW 2100, Australia

Tel: +61 2 9938 1800 (business hours)

Fax: +61 2 9905 0979

**Emergency Phone Numbers:**

Transport/Fire Emergency: **000** (Emergency services)

Medical Emergency: **131126** (Poisons Information Centre)

## Section 2: Hazards Identification

**Not classified as hazardous according to criteria of Worksafe Australia.**

**Non-dangerous goods.**

**Risk Phrases:** None.

**Safety Phrases:** None.

## Section 3: Composition/Information on Ingredients

**Ingredients:**

Mixed surfactants

< 10 %

Other ingredients deemed not to be hazardous

10 - 30 %

Water

[7732-18-5] to 100 %

## Section 4: First Aid Measures

**For advice, contact a Poisons Information Centre (Phone 131 126) or a doctor.**

**Swallowed:** If swallowed, do NOT induce vomiting.

**Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**Eyes:** If in eyes wash out immediately with water.

**Inhaled:** Remove from exposure.

**First Aid facilities:**

Recommended: Eye wash. Hand wash basin.

**Advice to Doctor:**

Product is a dilute aqueous solution containing a low proportion of mixed surfactant compounds. If swallowed, vomiting should not have been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre.

**Aggravated medical conditions:**

No data found.

## Section 5: Fire Fighting Measures

**HAZCHEM Code:** None assigned.  
**Evacuate:** No.  
**Extinguishant:** Water.  
**Risk of violent reaction or explosion:** No.

**Products of combustion:** Water vapour, oxides of carbon, oxides of nitrogen, traces of hydrogen bromide, traces of hydrogen fluoride.

**Protective Equipment:** Breathing apparatus and protective gloves for fire only.

## Section 6: Accidental Release Measures

### Emergency Procedures:

Contain. Prevent spillages from entering natural waters.

### For large spills:

Contain spillage using sand or earth. Transfer liquid and solid to suitable container. Treat residues as for small spillage.

### For small spills:

Mop up with plenty of water and run to waste, diluting greatly with running water, or absorb on inert absorbent, transfer to suitable container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

## Section 7: Handling and Storage

### Precautions for safe handling:

Avoid contact with skin and eyes.

### Conditions for safe storage:

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.

### Incompatibles:

Oxidising agents.

## Section 8: Exposure Controls/Personal Protection

### National Exposure Standards:

**ES-TWA:** None applicable.  
**ES-STEL:** None applicable.  
**ES-PEAK:** None assigned.  
**Notations:** None.

**Biological Limit Values:** No data found.

### Engineering Controls:

Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities or if aerosol risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible.

### Personal Protective Equipment:

Avoid contact with 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:

Eye/face protection, gloves: rubber or plastic.

#### Industrial Quantities:

Face shield or safety glasses, gloves: rubber or plastic, plastic apron, sleeves and boots impervious overalls.

## Section 9: Physical and Chemical Properties

Appearance: Pale green liquid.  
Odour: Mild odour.  
pH: 7 - 8.  
Vapour Pressure: No data.  
Vapour Density: No data.  
Boiling Point: > 100 °C  
Melting Point: No data.  
Volatiles: About 90 %  
Volatile Organic Compounds (VOC): < 8 %  
Evaporation Rate: No data.  
Solubilities: Miscible with water in all proportions.  
Specific Gravity/Density: About 1 g/mL @ 20 °C  
Flash Point: None.  
Flammable Limits: None.  
Dust Explosion: Not applicable.  
Auto-ignition Temperature: No data.

### Other Information:

May react with strong oxidising agents. Slippery when spilled.

## Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions.  
**Conditions to Avoid:** Incompatible materials.  
**Incompatible Materials:** Oxidising agents.  
**Hazardous Decomposition Products:** Oxides of nitrogen, traces of hydrogen fluoride, traces of hydrogen bromide.  
**Hazardous Reactions:** None known.

## Section 11: Toxicological Information

### Health Effects:

No data available for the mixture. Information presented relates to individual ingredients.

**Acute: Swallowed:** Likely to cause gastric upset with discomfort or pain, nausea, vomiting and diarrhoea. An aspiration risk.

**Skin:** Will have a degreasing effect on the skin which may lead to dry skin and irritation.

**Eyes:** May be irritating to eyes. May cause redness and pain.

**Inhaled:** Concentrated vapours may lead to central nervous system effects such as nausea, headache, dizziness. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis (irritation of lung tissues) and pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.

**Chronic:** Repeated skin contact with the concentrate may lead to irritation and dermatitic effects.

**LD50:** No data found.

## Section 12: Ecological Information

**Ecotoxicity:** Contains surfactants. Local concentrations may be harmful to aquatic organisms, including fish.

**Persistence and degradability:** No data.

**Mobility:** Readily transported by water.

**Environmental Fate:** No data.

**Bioaccumulative potential:** No data.

**Other adverse environmental effects:** No data.

## Section 13: Disposal Considerations

The generator of any wastes from this product is responsible for its proper classification, transport and disposal. Consult appropriate local and State regulations.

Disposal methods and containers:

Avoid disposal to natural waters or the environment.

Special precautions for landfill or incineration:

Unsuitable for incineration. May not be suitable for some landfill sites.

## Section 14: Transport Information

UN Number: None assigned.

UN Proper shipping name: None assigned.

Class and subsidiary risk: None assigned.

Packaging group: None.

Special precautions for user: Contain spillages.

HAZCHEM Code: None assigned.

Material for export: Not regulated.

## Section 15: Regulatory Information

Poisons (SUSDP): Not a scheduled poison.

Dangerous Goods: No.

Carcinogen:	Australia	IARC	NTP	RTECS
	No.	No.	No.	No.

Agricultural and Veterinary Chemicals Act: Not applicable.

Australian Inventory of Chemical Substances (AICS): Listed.

Other National/International Regulations: No data.

## Section 16: Other information

Date of MSDS update: August 2006

Complete review and re-write of all sections.

Abbreviations:

NOHSC- National Occupational Health and Safety Commission.

ACGIH- American Conference of Governmental Industrial Hygienists.

MAK - Maximum workplace concentration- Germany,  
(maximale Arbeitsplatzkonzentration)

IARC- International Agency for Research on Cancer (France).

NTP - National Toxicology Program (USA).

RTECS - Registry of Toxic Effects of Chemical Substances.

HSE - Health and Safety Executive (United Kingdom).

Disclaimer

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties.

Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.