

PRODUCT NAME: **Aquaclean**

1. IDENTIFICATION OF MATERIAL & SUPPLIER

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SYNONYM(S) Ecowash Aquaclean
USE(S) Floor Cleaner
MSDS DATE: 04 July 2011

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Pkg Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	FORMULA	CAS NO.	CONTENT
NON HAZARDOUS INGREDIENTS	NOT AVAILABLE	NOT AVAILABLE	10-30%
ALKALINE SALTS	NOT AVAILABLE	NOT AVAILABLE	←10%
SURFACTANT(S)	NOT AVAILABLE	NOT AVAILABLE	←10%
WATER	H2O	7732-18-5	Remainder

4. FIRST AID MEASURES

EYE Hold eyelids apart and flush continuously with water. Continue until advised to stop by the Poisons Information Centre, a doctor, or for at least 15 minutes. Keep patient calm.

INHALATION If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

SKIN Remove contaminated clothing and gently flush affected areas with water. Continue to flush with water until skin no longer feels soapy. Seek medical attention. Launder clothing before reuse.

INGESTION DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.

ADVICE TO DOCTOR Treat symptomatically

FIRST AID FACILITIES Eye wash facilities and a hand wash basin are recommended.

5. FIRE FIGHTING MEASURES

FLAMMABILITY	Non-flammable. No fire or explosion hazard exists. May evolve carbon dioxide, carbon monoxide, water vapour, nitrogen oxides and inorganic salts when heated to decomposition.
FIRE & EXPLOSION	Non-flammable. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use water-fog to cool intact containers and nearby storage areas.
EXTINGUISHING	Non-flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.
HAZCHEM CODE	None Allocated

6. ACCIDENTAL RELEASE MEASURES

SPILLAGE	If spilt, absorb with sand or similar. Wear splash-proof goggles and PVC/rubber gloves. For large amounts, wear coveralls and rubber boots. Collect and place in sealable containers for disposal. Caution: Spill site may be slippery.
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7. STORAGE AND HANDLING

STORAGE	Store in cool, dry, well-ventilated area, removed from direct sunlight, oxidising agents (e.g. hypochlorites), acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.
HANDLING	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL EQUIPMENT

EXPOSURE STANDARDS	No exposure standard(s) allocated.
BIOLOGICAL LIMIT VALUES	No biological limit allocated.
ENGINEERING CONTROLS	Ensure adequate natural ventilation.
PPE	Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear a PVC apron, coveralls and a face shield.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	LIGHT GREEN TO BLUE COLOURED LIQUID	SOLUBILITY (WATER):	SOLUBLE
ODOUR:	MILD SURFACTANT ODOUR	SPECIFIC GRAVITY:	NOT AVAILABLE
pH:	→ 11.5	% VOLATILES:	88 % (Approximately)
VAPOUR PRESSURE:	18 mm Hg @ 20°C	FLAMMIBILITY:	NON FLAMMABLE
VAPOUR DENSITY:	NOT AVAILABLE	FLASH POINT:	NOT RELEVANT
BOILING POINT:	100°C	UPPER EXPLOSION LIMIT:	NOT RELEVANT
MELTING POINT:	← 0°C	LOWER EXPLOSION LIMIT:	NOT RELEVANT

EVAPORATION RATE: AS FOR WATER
DENSITY: 1.0 g/mL to 1.1 g/mL

AUTOIGNITION: NOT AVAILABLE

10. STABILITY & REACTIVITY

MATERIAL TO AVOID: Incompatible with oxidising agents (e.g. peroxides) and acids (e.g. hydrochloric acid).
DECOMPOSITION: May evolve carbon dioxide, carbon monoxide, water vapour, nitrogen oxides and inorganic salts when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARD SUMMARY This product may only present a hazard with direct eye contact, prolonged and repeated skin contact or with vapour inhalation at high levels. Chronic effects are not anticipated.

EYE Exposure may result in lacrimation, irritation, pain, redness, conjunctivitis and possible corneal burns with prolonged contact.

INHALATION Over exposure may result in mucous membrane irritation of the nose and throat with coughing.

SKIN Contact may result in irritation, itching, dermatitis and possible burns.

INGESTION With large doses ingestion may result in nausea, vomiting and gastrointestinal irritation.

TOXICITY DATA No LD50 data available for this product.

12. ECOLOGICAL INFORMATION

ENVIRONMENT Limited eco-toxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATION

WASTE DISPOSAL For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved. Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.

LEGISLATION Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

SHIPPING NAME: None Allocated

UN No.	None Allocated	DG CLASS	None Allocated	SUBSIDIARY RISK(S)	None Allocated
Pkg GROUP	None Allocated	HAZCHEM CODE	None Allocated	EPG	None Allocated

15. REGULATORY INFORMATION

POISON SCHEDULE	Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
AICS	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

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/m³ - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

pH - relates to hydrogen ion concentration using a scale of 0 (highly 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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