

PRODUCT NAME: **Deluxe Lemon**

1. IDENTIFICATION OF MATERIAL & SUPPLIER

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SYNONYM(S)
USE(S) DISHWASHING LIQUID
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%
SURFACTANT(S)	Not Available	Not Available	←10%
WATER	H2O	7732-18-5	remainder

4. FIRST AID MEASURES

EYE Flush gently with running water for 15 minutes.

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

SKIN Gently flush affected areas with water.

INGESTION For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor.

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. May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition. May also evolve nitrogen oxides and sulphur oxides when heated to decomposition.

FIRE & EXPLOSION Non-flammable.

EXTINGUISHING Non-flammable.

HAZCHEM CODE None Allocated

6. ACCIDENTAL RELEASE MEASURES

SPILLAGE If spilt (bulk), absorb with sand or similar, collect and place in sealable containers for disposal. Caution, spill site may be slippery.

7. STORAGE AND HANDLING

STORAGE Store out of direct sunlight and out of the reach of children, in a cool, dry, well ventilated area, removed from oxidising agents (e.g. hypochlorites), acids (sulphuric acid), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

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 Personal Protective Equipment is not required under normal conditions of use. When using large quantities or where heavy contamination is likely, wear splash-proof goggles, a PVC apron, safety boots, rubber or PVC gloves, coveralls and a face-shield.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	YELLOW COLOURED LIQUID	SOLUBILITY (WATER):	SOLUBLE
ODOUR:	LEMON ODOUR	SPECIFIC GRAVITY:	NOT AVAILABLE
pH:	7.0 to 8.0	% VOLATILES:	93 % (Approximately)
VAPOUR PRESSURE:	23 hPa @ 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	AUTOIGNITION:	NOT AVAILABLE
DENSITY:	1 g/mL (Approximately)		

10. STABILITY & REACTIVITY

MATERIAL TO AVOID: Incompatible with oxidising agents (e.g. peroxides) and acids (e.g. hydrochloric acid).

DECOMPOSITION: May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition. May also evolve nitrogen oxides and sulphur oxides when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARD SUMMARY	No adverse health effects are anticipated with normal use of this product.
EYE	Exposure may result in irritation, pain and redness.
INHALATION	Over exposure at high levels may result in mucous membrane irritation of the upper respiratory tract (i.e. nose and throat) and coughing. However, due to the low vapour pressure, adverse health effects are not anticipated under normal conditions of use.
SKIN	Prolonged and repeated use may result in slight irritation. Some individuals with sensitive skin may experience adverse skin reactions, and would be advised to discontinue use.
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	This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities, however larger quantities may cause foaming of waterways with adverse effects on aquatic life. Not expected to bio-accumulate.
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13. DISPOSAL CONSIDERATION

WASTE DISPOSAL	For small amounts absorb with cleaning rags and dispose of to refuse. For large 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.

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	A poison schedule number has not been allocated to this product 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 (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.

While Ecowash Solutions have taken all due care to include accurate and up-to-date Information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Ecowash Solutions accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.