

PRODUCT NAME: **Blue Brite Laundry Liquid**

1. IDENTIFICATION OF MATERIAL & SUPPLIER

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SYNONYM(S)
USE(S) LAUNDRY DETERGENT • LAUNDRY PRODUCT
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
ETHANOLAMINE	C2-H7-N-O	141-43-5	←10%
SURFACTANT(S)	Not Available	Not Available	10-30%
NON HAZARDOUS INGREDIENTS	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 are recommended.

5. FIRE FIGHTING MEASURES

FLAMMABILITY	Non-flammable. No fire or explosion hazard exists. May evolve water vapour, carbon dioxide, nitrogen oxides and sulphur oxides 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.
HAZCHEM CODE	None Allocated

6. ACCIDENTAL RELEASE MEASURES

SPILLAGE	If spilt, absorb with sand or similar. Wear splash-proof goggles, PVC/rubber gloves, 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 oxidising agents (eg. hypochlorites), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate ventilation systems.
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	Ingredient: Ethanolamine Reference: NOHSC (AUS) TWA - ppm: 3 mg/m ³ : 7.5 STEL - ppm: 6 mg/m ³ : 15
BIOLOGICAL LIMIT VALUES	No biological limit allocated.
ENGINEERING CONTROLS	Ensure adequate natural ventilation. Maintain vapour levels below the recommended exposure standard.
PPE	Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear a PVC apron, safety boots, coveralls and a face shield.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	VISCOUS BLUE COLOURED LIQUID	SOLUBILITY (WATER):	SOLUBLE
ODOUR:	PERFUMED ODOUR	SPECIFIC GRAVITY:	NOT AVAILABLE
pH:	NEUTRAL (Approximately)	% VOLATILES:	85 % (Approximately)
VAPOUR PRESSURE:	NOT AVAILABLE	FLAMMIBILITY:	NON FLAMMABLE



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MSDS – BLUE BRITE LIQUID

VAPOUR DENSITY:	NOT AVAILABLE	FLASH POINT:	NOT RELEVANT
BOILING POINT:	100°C (Approximately)	UPPER EXPLOSION LIMIT:	NOT RELEVANT
MELTING POINT:	NOT AVAILABLE	LOWER EXPLOSION LIMIT:	NOT RELEVANT
EVAPORATION RATE:	NOT AVAILABLE	AUTOIGNITION:	NOT AVAILABLE
DENSITY:	1.1 g/mL (Approximately)		

10. STABILITY & REACTIVITY

MATERIAL TO AVOID:	Incompatible with oxidising agents (eg. potassium chlorate, sodium hypochlorite). May evolve carbon dioxide, nitrogen oxides and sulphur oxides when heated to decomposition.
DECOMPOSITION:	May evolve water vapour, carbon dioxide, 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 lacrimation, irritation, pain and redness.
INHALATION	Due to the low vapour pressure of this product, an inhalation hazard is not anticipated.
SKIN	Prolonged and repeated contact may result in irritation, skin rash and dermatitis.
INGESTION	With large doses ingestion may result in nausea, vomiting and gastrointestinal irritation.
TOXICITY DATA	ETHANOLAMINE (141-43-5) LD50 (Ingestion): 620 mg/kg (guinea pig) LD50 (Skin): 1 mL/kg (rabbit)

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. At high levels, may dissolve oils on bird feathers with potential for bird to drown. Not expected to bioaccumulate.
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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 (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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