

Envirogreen

1: Identification of the material and supplier

Product Identifier	Envirogreen		
Other Means of Identification	ENVIROGREEN2X5L.CTN (2x5L), ENVIROGREEN.20 (20L), ENVIROGREEN.D (205L), ENVIROGREEN.NRB (1000L)		
Recommended Use	Heavy duty quick breaking water based degreaser		
Supplier	Organisation	Location	Contact Information
	Chemform	7 Kirke St	Phone: 1300 415 278
	ABN: 50 008 905 119	Balcatta WA 6021	Fax: (08) 9344 4360
		Australia	E-Mail: admin@chemform.com.au
			Web: www.chemform.com.au
Emergency Phone Number	Poisons Information Centre (Australia) 13 11 26		

2: Hazardous Identification

Classified as hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) criteria of Safe Work Australia and classified as a non-dangerous good according to Australian Dangerous Goods Code.

In ready to use form, when diluted with water at the recommended dilution rates, the diluted product is classified as non-hazardous.

GHS Classification	Eye irritation (category 2) Skin irritation (category 2)
Signal Word	Warning
Hazard Statement(s)	Causes serious eye irritation. Causes skin irritation.
Precautionary Statement(s)	Wear eye protection and protective gloves. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.



3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion (% w/w)
Alkaline salts	6834-92-0	<10%
Non-hazardous ingredients	-	To 100%

4: First Aid Measures

General	For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor.
Ingestion	If swallowed, DO NOT induce vomiting. If person is conscious, rinse mouth thoroughly with water first then give a glass of water to drink. If vomiting occurs, wash out mouth again with water and give another glass of water to drink. Seek medical attention if irritation persists.
Eyes	If in eyes, wash out immediately with water.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Inhalation	If inhalation causes an irritation, remove from contaminated area. Seek medical attention if irritation persists.
Symptoms Caused by Exposure	Please refer to Section 11- Toxicological Information.
Medical Attention and Special Treatment	Treat symptomatically

5: Fire Fighting Measures

Suitable Extinguishing Equipment	Material itself is not combustible. Extinguish fire using agent suitable for type of surrounding fire. Use foam, dry chemical or carbon dioxide. Keep run-off water out of sewers and water sources.
Specific Hazards Arising from the Chemical	When heated to decomposition will produce irritating fumes.
Special Protective Equipment and Precautions for Fire Fighters	Use water spray to keep fire-exposed containers cool.
Hazchem Code	None allocated.

6: Accidental Release Measures

Personal Precautions	Surfaces may be slippery. Increase ventilation. Wear PPE in accordance with section 8. Stop leak if safe to do so. Isolate the spill area. Keep unnecessary personnel away. Clean up immediately to avoid accidents.
Environmental Precautions	Do NOT allow spilled concentrated product to enter drains, sewers, creeks, dams, rivers or waterways.

Spills and Disposal

Small Spills

Mop or wipe up with a rag or paper towel and dispose of in the rubbish. Wash down surface with water.

Large Spills

Contain, collect and recycle spilt product if possible otherwise absorb spill with material such as soil, sand, attapulgate, vermiculite. Collect and seal in properly labelled, chemical resistant containers. Wash area with water. Seek disposal options by a licensed waste contractor.

7: Handling and Storage

Precautions for Safe Handling

Wash hands after use. Minimise direct contact with product. Wear PPE in accordance with label or section 8.

Conditions for Safe Storage

Always replace lid on container after use. Store in a cool dry place out of direct sunlight and out of reach of children.

8: Exposure Controls – Personal Protection

National Exposure Standards

An exposure standard has not been established for this product.

Engineering Controls

Use in well ventilated area.

Personal Protection

Eyes/Face

Eye protection. Avoid eye contact.

Hands

Protective gloves. Avoid skin contact.

Skin

Long sleeve work wear and impervious footwear.

Respiratory

If mists are generated used chemical respirator.

9: Physical and Chemical Properties

Appearance

Green liquid

Odour

Nil

pH

12.0 – 12.5

Vapour Pressure

Not applicable

Vapour Density

Not applicable

Flash Point

Not applicable

Flammability Limits

Not applicable

Boiling Point

>100°C

Melting Point

<0°C

Specific Gravity

1.04 -1.06

Solubility

Soluble in water

10: Stability and Reactivity

Chemical Stability	The product is stable under normal conditions.
Possibility of Hazardous Reaction	None known.
Conditions to Avoid	Extreme heat and temperatures.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	None known.

11: Toxicological Information

Ingestion	Product is considered to be of low toxicity. Ingestion of large amounts may cause irritation to the oesophagus and cause gastrointestinal upset.
Eye	Eye irritation (Draize, rabbit): moderately irritating. Cause considerable ocular irritation, lacrimation, pain, redness, conjunctivitis and possible burns.
Skin	The ingredients contained in this product exhibit low acute dermal toxicity. Moderate irritation to the skin. May cause reddening of the skin, rashes or dermatitis on prolonged skin contact.
Inhalation	The ingredients in this product have low acute inhalation toxicity. Over exposure may result in mucous membrane irritation of the respiratory tract and coughing.

12: Ecological Information

Ecotoxicity	96 hour EC50 (Oncorhynchus mykiss): 433 - 655 mg/L
Persistence/Degradability	The substance is expected to be readily biodegradable according to the OECD test 301 protocol.
Bio-accumulative Potential	Expected to have limited potential to bio-accumulate.
Mobility in Soil	Because of the low partitioning coefficients, no accumulation in sediments will take place.

13: Disposal Considerations

Disposal Methods	The most effective way to dispose of product is to use as was originally intended, in accordance with label instructions. If disposal of large volumes of unwanted or excess product is required, either supply to product to someone who can use it in accordance with label instructions or contact your local council and/or state environmental authority for advice. Dispose of in accordance with Local, State and Federal regulations. Drain containers thoroughly and rinse empty containers with water and use the solution in accordance with label instructions. Recycle packaging at an approved collection point or recycling facility.
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14: Transport Information

UN Number	Not applicable
Shipping Name	Not applicable
Class	Not applicable
Subsidiary Risk	Not applicable
Packing Group	Not applicable
Special Precautions For Users	Ensure containers are clearly labelled. Keep containers securely sealed and protected against physical damage.
Hazchem Code	Not applicable
IERG (HB76)	Not applicable
AERG Number	Not applicable

15: Regulatory Information

Packaging & Labelling	<p>This product is a Scheduled Poison (S5) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act.</p> <p>Defined as a "Non-Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail.</p>
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16: Other Information

Prepared By	Brett Amos
Date of Previous Issue	December 2016
Changes Made	Complete GHS review to standardise to current format
References	<p>Australian Dangerous Goods Code</p> <p>Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice 2011.</p> <p>Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP)</p> <p>Guidance on the Classification of Hazardous Chemicals Under the WHS Regulations (April 2012)</p>
Contact Person/Point	<p>Australia 24 HOUR EMERGENCY CONTACT</p> <p>Poisons Information Centre 13 11 26</p>
Legal Disclaimer	<p>The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.</p>

END OF SAFETY DATA SHEET