

Shift

1: Identification of the Material and Supplier

Product Identifier	Shift		
Other Means of Identification	SHIFT2X5L.CTN (2x5L)		
Recommended Use	Toilet and Urinal Cleaner		
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: Hazard Identification

Classified as non-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

GHS Classification	Non-hazardous
Signal Word	Not applicable
Hazard Statement(s)	Not applicable
Precautionary Statement(s)	Not applicable

3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion (% w/w)
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.
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 swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.
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. The following protective equipment for fire fighters is recommended when this material is present in the area of a fire. Liquid-tight chemical protective suit with breathing apparatus.
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 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, attapulgite, 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. Avoid direct contact with product. Use PPE as described in 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	1 mg/m ³ (Time Weighted Average) 3 mg/m ³ (STEL) Phosphoric acid.
Engineering Controls	Avoid generation and inhalation of mists and aerosols.
Individual Protection	
Eyes/Face	Safety glasses.
Hands	Rubber gloves. Avoid contact with the skin.
Skin	Not generally required when used as per label directions. Avoid contact with skin.
Respiratory	Not generally required when used as per label directions.

9: Physical and Chemical Properties

Appearance	Blue viscous liquid
Odour	Characteristic
pH	1.0 – 2.5
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	No hazardous reactions expected when handled in accordance with label directions.
Conditions to Avoid	Avoid extreme heat and high temperatures.
Incompatible Materials	Strong oxidisers, alkaline substances, bleach or hypochlorite based chemicals. Avoid contact with aluminium and other soft metals.
Hazardous Decomposition Products	No hazardous reactions when stored and handled according to instructions.

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. Oral LD50 (rat) : > 12 g/kg (product).
Eye	Will irritate eyes if directly exposed to neat product.
Skin	Product exhibits low acute dermal toxicity. Dermal LD50 (rabbit) : >20g/kg Moderate Irritation to the skin can, cause reddening of the skin, rashes or dermatitis.
Inhalation	Over exposure may result in mucous membrane irritation of the respiratory tract and coughing.

12: Ecological Information

Ecotoxicity	EC50 = pH 4.6 (D. magna) and 4.1 (D. pulex).
Persistence/Degradability	Not expected to persist in the environment. Surfactants are classified as readily biodegradable according to OECD test method 301.
Bio-accumulative Potential	Has limited potential to bio-accumulative.
Mobility in Soil	No data available.

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.
-------------------------	--

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 all 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	This product is a not a Scheduled Poison in accordance with the relevant State Poisons Act. Defined as a "Non-Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
----------------------------------	--

16: Other Information

Prepared By	Brett Amos
Date of Previous Issue	June 2016
Changes Made	Complete GHS review.
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>Globally Harmonised System of Classification and Labelling of Chemicals (GHS) (Rev.7 2017)</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