


## Sapphire #5 Toilet Bowl and Urinal Cleaner

### 1: Identification of the material and supplier

<b>Product Identifier</b>	Sapphire #5 Toilet Bowl Urinal		
<b>Other Means of Identification</b>	SAPPHIRE5.CTN (3x2.5L), SAPPHIRE5RTU.CTN (6 x 1L)		
<b>Recommended Use</b>	Toilet bowl and urinal cleaner		
<b>Supplier</b>	<b>Organisation</b>	<b>Location</b>	<b>Contact Information</b>
	Commercial Cleaning Repairs	6 Tony Street Henderson, Auckland NZ	Phone: (09) 836 0937 Fax: (09) 836 0938 E-Mail: sales@ccrepairs.co.nz Web: www.ccrepairs.co.nz
<b>Emergency Phone Number</b>	National Poisons Centre (New Zealand) 0800 764 766		

### 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.

<b>GHS Classification</b>	Eye damage (category 1) Skin irritation (category 2)	
<b>Signal Word</b>	Danger	
<b>Hazardous Statement(s)</b>	Causes serious eye damage. Causes skin irritation.	
<b>Precautionary Statement(s)</b>	Wear protective eyewear and 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. Immediately call a POISON CENTER or doctor. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash before reuse.	

### 3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion (% w/w)
Lactic acid	50-21-5	>60%
Linear alkyl ethoxylate	68439-46-3	10-<30%
Non-hazardous ingredients	-	To 100%

## 4: First Aid Measures

<b>General</b>	For advice, contact the National Poisons Centre (New Zealand) 0800 764 766 or a doctor.
<b>Ingestion</b>	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 urgently.
<b>Eyes</b>	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the National Poisons Centre (New Zealand) 0800 764 766 or by a doctor, or for at least 15 minutes.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
<b>Inhalation</b>	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.
<b>Symptoms Caused by Exposure</b>	Please refer to Section 11- Toxicological Information.
<b>Medical Attention and Special Treatment</b>	May cause corneal burns.

## 5: Fire Fighting Measures

<b>Suitable Extinguishing Equipment</b>	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.
<b>Specific Hazards Arising from the Chemical</b>	When heated to decomposition will produce irritating fumes.
<b>Special Protective Equipment and Precautions for Fire Fighters</b>	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.
<b>Hazchem Code</b>	None allocated.

## 6: Accidental Release Measures

<b>Personal Precautions</b>	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.
<b>Environmental Precautions</b>	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** Avoid generation and inhalation of mists and aerosols

#### Personal Protection

**Eyes/Face** Protective eyewear

**Hands** Protective gloves

**Skin** Long sleeved workwear and closed footwear.

**Respiratory** Not generally required when used as per label directions. Avoid inhaling spray mist.

## 9: Physical and Chemical Properties

<b>Appearance</b>	Pink liquid
<b>Odour</b>	Nil
<b>pH</b>	1.5 – 2.5
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Flammability Limits</b>	Not applicable
<b>Boiling Point</b>	>100°C
<b>Melting Point</b>	<0°C
<b>Specific Gravity</b>	1.16 – 1.17
<b>Solubility</b>	Soluble in water

## 10: Stability and Reactivity

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

## 11: Toxicological Information

<b>Ingestion</b>	Oral LD50 (rat) 3543mg/kg (lactic acid). Ingestion of large amounts can cause abdominal pain, diarrhoea nausea, vomiting.
<b>Eye</b>	Corrosive to eyes. Contact with eyes can result in permanent injury which can include ocular irritation, lacrimation, pain, redness, conjunctivitis and possible burns.
<b>Skin</b>	0.75mg severe irritation effect (lactic acid). Serious irritation to the skin on prolonged contact. May cause reddening of the skin, rashes or dermatitis.
<b>Inhalation</b>	The material can cause respiratory irritation if exposed to the mists for prolonged periods. Due to the low vapour pressure, an inhalation hazard is not anticipated with normal use.

## 12: Ecological Information

<b>Ecotoxicity</b>	Fish (Zebrafish; Brachydanio rerio ) 96 hr LC50 320mg/L
<b>Persistence/Degradability</b>	The surfactant is expected to be readily biodegradable according to the AS 4351 Part 2 test protocol.
<b>Bio-accumulative Potential</b>	Bioaccumulation is unlikely to occur. Kow - -0.62 low
<b>Mobility in Soil</b>	No data available

## 13: Disposal Considerations

<b>Disposal Methods</b>	<p>The most effective way to dispose of product is to use as was originally intended, in accordance with label instructions.</p> <p>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.</p> <p>Drain containers thoroughly and rinse empty containers with water and use the solution in accordance with label instructions.</p> <p>Recycle packaging at an approved collection point or recycling facility.</p>
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## 14: Transport Information

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

## 15: Regulatory Information

**Packaging & Labelling** This product is not classified as a Scheduled Poison. Defined as a "Non-Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Cleaning Products (Corrosive) Group Standard 2017 - HSR002526

**HSNO Approval Number**

HSR002526

Subclass

Category 6.1D – Acutely toxic (all routes)

Category 8.2C – Corrosive to dermal tissue

Category 8.3A – Corrosive to ocular tissue

Category 9.1D – Slightly harmful in the aquatic environment.

Category 9.3C – Harmful to terrestrial vertebrates

## 16: Other Information

<b>Prepared By</b>	Brett Amos
<b>Date of Previous Issue</b>	March 2016
<b>Changes Made</b>	Complete GHS review to standardise to current format and reclassify as non-dangerous good.
<b>References</b>	Australian Dangerous Goods Code Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice 2011. Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP) Guidance on the Classification of Hazardous Chemicals Under the WHS Regulations (April 2012)
<b>Contact Person/Point</b>	New Zealand      24 HOUR EMERGENCY CONTACT National Poisons Centre 0800 764 766
<b>Legal Disclaimer</b>	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.

**END OF SAFETY DATA SHEET**