



# MATERIAL SAFETY DATA SHEET

Classified as HAZARDOUS according to criteria of NOHSC

## Section 1: IDENTIFICATION

### Sani-Block / Cobalt-Blue

**Recommended Use:** Portable Toilet Treatment  
**Product Code:** TBA

**UN Number :** 1760  
**Dangerous Goods Class:** 8  
**Hazchem Code:** 2R  
**Poisons Schedule No:** S5  
**Packaging Group:** II

**Sierra (Aust) Pty Ltd** (A.C.N. 51 101 066 022 )  
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Telephone Number: (617) 3216 5099 Facsimile: (617) 3216 5199  
Emergency Telephone Number: Poisons Information Centre (National) **131126**

## Section 2: HAZARDS

Classified as hazardous by the criteria of NOHSC.

## Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion	Worksafe Exposure Limits	
			TWA	STEL
Glutaraldehyde	111-30-8	<10%	0.82 mg/m <sup>3</sup>	Peak
Quarternary Ammonium Compound	68424-85	<30%	not set	not set
Fragrance		<15%	not set	not set
Colour / Pigment		<10%	not set	not set
Ingredients Deemed as non Hazardous		To 100%		

## Section 4: FIRST AID

<b>Eye (Contact)</b>	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor, or for at least 15 minutes.
<b>Skin (Contact)</b>	Remove contaminated clothing and flush skin and hair with running water. Wash contaminated skin with soap and water. Wash clothing thoroughly before wearing again.
<b>Inhalation(Breathing)</b>	If mist or product is inhaled, remove to fresh air immediately. If breathing is shallow or stopped, clear the airway and resuscitate. Provide oxygen if available. This product is classified as a sensitizer.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. Rinse mouth with water and give a glass of water. Seek medical advice immediately.
<b>Advice to Doctor</b>	Treat symptomatically. This product is a sensitizer.
<b>First Aid Facilities</b>	Ensure an eye bath and safety shower are available and ready for use.
<b>Additional Information</b>	For advice, the Poisons Information Centre on 13 11 26.

### Section 5: FIREFIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	Use chemical appropriate for burning material.
<b>Hazards From Combustion Products</b>	Nitrogen gas, Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides, hydrogen chloride gas, water chlorides and smoke.
<b>Precautions For Fire Fighters and Special Protective Equipment</b>	Keep containers cool by spraying with water. Use full protective clothing, facemask/face shield and gloves.
<b>Additional Information</b>	Little or no risk of explosion if this product is involved in fire. Any bi-products from decomposition are corrosive and toxic. Product is stable and will not polymerise.

### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Minor Spills</b>	Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Wipe up. Place in a suitably labeled container for waste disposal. Dispose of in accordance with local and state regulations.
<b>Major Spills</b>	Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Alert authorities and inform them the location and nature of hazard. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers, drains or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

### Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Contact Sierra (Aust) Pty Ltd for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container, and securely sealed. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
<b>Conditions for Safe Storage</b>	No special requirements for storage and transport. However this product is classified as S5 Poison, so adherence to local and state laws should be observed at all times.

### Section 8: EXPOSURE CONTROL / STANDARDS

A TWA value of 0.82 and a peak STEL value has been established for a significant component of this product. Values expressed as mg/m<sup>3</sup>. Exposure values of the STEL is a value that should not be exceeded for more than 15 minutes and should not be repeated for more than four times a day. There should be at least sixty minutes between successive exposures at the STEL. Exposure values at the TWA means the average airborne concentration of a particular substance when calculated over a normal eight hour work day / five day work week. The term peak is used when the TWA limit because of the rapid action of the substance, should never be exceeded even briefly. (refer to 'Composition Information')

**Engineering Controls**

In industrial settings concentration values below the TWA should be maintained at all times. Values may be reduced by process modification and use of local exhaust ventilation capturing substances at the source. If airborne concentrations of mists, dust or vapour are high, modify the process of the environment to reduce the problem.

**Flammability**

Does not burn

**Personal Protective Equipment**

R43 – May cause sensitization by skin contact

S24 – Avoid contact with skin.

Eye/face protection – Safety glasses with side shielding or chemical resistant goggles should be worn to prevent eye contact.

Skin protection – Use rubber gloves and footwear to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if product is irritating use a suitable respirator.

Other – Overalls, barrier cream and eyewash unit.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Blue Viscous Liquid

**Odour** Fruity Bubblegum

**pH** 5.5

**Specific Gravity** 1.03

**Vapour Pressure** Not Available.

**Vapour Density** Not Available.

**Boiling Point** approximately 100°C

**Freezing Point** approximately 0°C

**Solubility** Soluble in water.

**Flash Point** Not Applicable.

**Upper and Lower Flammability limits (in air)** Not Applicable.

**Ignition Temperature** Not Applicable.

### Section 10: STABILITY AND REACTIVITY

**Chemical Stability**

Stable under normal ambient storage conditions.

**Conditions to avoid**

Avoid high temperatures (store below 30°C). Protect against physical damage.

**Incompatible materials**

Not applicable

**Hazardous decomposition products**

Nitrogen gas, Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides, hydrogen chloride gas, water chlorides and smoke.

**Hazardous reactions**

None known.

### Section 11: TOXICOLOGICAL INFORMATION

**HEALTH EFFECTS:** No adverse effects if product is handled in accordance with this document.

**Swallowed** Considered an unlikely route of entry in commercial / industrial environments. Considered as low toxic by ingestion.

**Eye** Irritating to the eyes, may cause severe and persistent conjunctivitis, redness and swelling of the conjunctiva with a discharge. May also cause corneal damage which could impair vision if not treated.

**Skin** Short term contact causes itching. Prolonged contact may result in absorption.

**Inhaled** Vapour is irritating to the respiratory tract. Causes stinging to nose and throat.

**Chronic** Principle route of exposure is usually by skin, eye and inhalation. Eyewash facilities and a wash station should be made available when using this product.

**TOXICITY DATA:** Not available

**Section 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Not available.
<b>Persistence and degradability</b>	Not available.
<b>Mobility</b>	Not available.

**Section 13: DISPOSAL CONSIDERATIONS**

<b>Disposal method</b>	Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill. Wear full mask and overalls. If safe to do so, stop leak and contain spill. Apply vermiculite. Put waste product into labeled containers. This product may be suitable for appropriate landfill. Slippery on floors, especially when wet.
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**Section 14: TRANSPORT INFORMATION**

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

<b>UN Number</b>	1760
<b>UN Proper Shipping Name</b>	Corrosive Liquids N.O.S..
<b>Class and subsidiary risk</b>	8.
<b>Packing Group</b>	II
<b>Poison Schedule</b>	S5
<b>Hazchem Code</b>	2R.

**Section 15: REGULATORY INFORMATION**

Poisons Schedule (SUSDP) S5

Risk Phrases: R43 – May cause sensitization by skin contact

Safety Phrases: S24 – Avoid contact with skin

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

**Section 16: OTHER INFORMATION**

**Poisons Information Centre** 13 11 26

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Every endeavor has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Sierra (Aust) Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.