

SAFETY DATA SHEET

Hazardous Chemical, Non Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Bowl Klean
Recommended Use: Toilet / Urinal Cleaner

Supplier: Hygiene Technologies Ltd
Street Address: 28 Rangitane Rd
Whakatu, Hastings 4172
New Zealand

Telephone: + 64 6 876 4111 or 0800 732 525
Facsimile: + 64 6 878 3802

Emergency Telephone number: NZ Fire Service - 111

2. HAZARDS IDENTIFICATION



Signal Word
DANGER

GHS

Eye Damage – Category 1
Skin Irritation – Category 2

Hazard Statements

H315 Causes skin irritation.
H318 Causes serious eye damage.

Prevention Precautionary Statements

P264 Wash hands, face and all exposed skin thoroughly after handling.
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTRE or doctor/physician.
P332+P313 If skin irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

SAFETY DATA SHEET

Storage Precautionary Statement
Not Allocated

Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

General Precautionary Statements

P102 Keep out of reach of children.

P103 Read carefully and follow all instruction.

DANGEROUS GOOD CLASSIFICATION

Not Classified as Dangerous Goods by the criteria of the
"New Zealand NZS5433: Transport of Dangerous Goods on Land."

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS No.	PROPORTION
Sulfamic Acid	5329-14-6	1 - 10% (w/W)
Benzalkonium Chloride	8001-54-5	< 1% (w/W)
Ingredients determined to be Non-Hazardous	-	Balance
		100%

4. FIRST AID MEASURES

For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor. If medical advice is needed, have product container or label at hand.

Swallowed Do **NOT** induce vomiting. Rinse mouth with water. Give water to drink to achieve dilution. Never give anything by mouth to an unconscious person. If vomiting occurs, give further waters. Immediately call a POISON CENTRE or doctor.

Eye Contact Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Skin Contact If skin irritation occurs, remove all contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Inhaled Remove to fresh air and keep at rest in a position comfortable for breathing. Keep at rest until fully recovered. Seek medical attention if effects persist.

Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766.

5. FIRE FIGHTING MEASURES

Specific Hazard	Non-combustible material.
Suitable Extinguishing Media	If material is involved in a fire, use water fog (or in unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
Fire/Explosion Hazards	Non-combustible, however following evaporation of aqueous component, residual material can burn if ignited. If safe to do so, remove containers from path of fire. Fire fighters to wear self-contained breathing apparatus (SCBA) and suitable protective clothing if risk of exposure to products of decomposition.
HAZCHEM	Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Avoid walking through spilled product as it may be slippery. Stop leak if safe to do so. Do **NOT** let product reach drains or waterways. If contamination of sewers or waterways has occurred, advise local emergency services. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact.

Contain **minor spills** (less than 100L) from local drainage with any suitable bund or barrier. Soak up spilled product using absorbent non-combustible material such as mineral sponge, paper, rags, sand or soil. When saturated, collect material into suitable, clearly labeled, dry, sealable containers and hold for safe disposal. Once pick up is complete, flush spill site with plenty of water to eliminate any residue.

For **large spills** from drums and IBCs, alert the local Fire Brigade. Clear area of all unprotected personnel. Slippery when spilt. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - Prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect absorbed material in drums which can be closed and sent to landfill. Hold any contaminated water for disposal by a waste disposal contractor. If material does contaminate crops, sewers or waterways, alert local emergency services.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid eye and prolonged skin contact. Avoid inhalation of vapour, mist or aerosol. Wash hands thoroughly after handling. Wear protective gloves, eye protection and overalls when handling bulk product. Avoid release to the environment.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Guidelines:	No value assigned for this specific material by WorkSafe New Zealand.
Engineering Controls:	Natural ventilation should be adequate under normal use conditions.
Personal Protective Equipment:	<p>Wear gloves and safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact.</p> <p>Always wash hands before smoking, eating, drinking or using the toilet. When handling do not eat, drink or smoke. Wash contaminated clothing and other protective equipment before storage or reuse. Ensure that eyewash stations and safety showers are close to the workstation location.</p>

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue-Green Viscous Liquid
Odour	Fresh Citrus-Lime
Solubility	Miscible in Water
Specific Gravity	1.04 @ 20°C
Flash Point (°C)	Not Applicable
Vapour Pressure (20°C)	Not Available
Flash Point (°C)	Not Available
Boiling Point / Range (°C)	Approx. 100
pH	1.5
Viscosity	4000 mPa.s

10. STABILITY AND REACTIVITY

Chemical Stability:	This material is thermally stable when stored and used as directed.
Conditions to Avoid:	Elevated temperatures and sources of ignition.
Incompatible Materials:	Oxidising agents.
Hazardous Decomposition Products:	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous Reactions	No known Hazardous Reactions.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Swallowed	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Eye Contact	A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.
Skin Contact	Contact with skin may result in irritation.
Inhaled	Material may be an irritant to mucous membranes and respiratory tract.
Long Term Effects	No information available for the product.
Toxicological Data	No LD ₅₀ data available for this product.

12. ECOLOGICAL INFORMATION

Aquatic toxicity	Avoid contaminating waterways. Acute toxicity estimate (based on ingredients): 10-100 mg/L. Expected to be harmful to aquatic species.
Long-Term Aquatic Hazard	Expected to be harmful to aquatic species. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data. Acute toxicity estimate (based on ingredients): 10-100 mg/L, where the substance is not rapidly degradable and/or BCF >500 and/or log K _{ow} >=4.

13. DISPOSAL CONSIDERATIONS

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be sent to an approved waste disposal contractor for disposal in an approved waste facility. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents using an approved waste disposal contractor. Care should be taken to ensure compliance with national and local regulations. This product is NOT for unauthorised disposal by either landfill or via municipal sewers. Not to be discharged to drains, natural streams or rivers.

Special Precautions: Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Observe all safeguards on label and in this SDS until container is cleaned, reconditioned or destroyed. Decontaminate empty containers with water. Dispose of container and unused contents in accordance with local authority requirements.

SAFETY DATA SHEET



14. TRANSPORT INFORMATION

Transport of Dangerous Goods Pictograms: Nil

ROAD AND RAIL TRANSPORT

NOT classified as a Dangerous Good according to NZS 5433:2020 Transport of Dangerous Goods on Land.

MARINE TRANSPORT

NOT classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

NOT classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Group Standard 2020 HSR002530 – Cleaning Products (Subsidiary Hazard) Group Standard

For more information refer to the ERMA website: www.epa.govt.nz

16. OTHER INFORMATION

Date Prepared: January 08, 2024

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. The User is responsible to evaluate all available information when using the product for any particular use and to comply with all the current

End of Safety Data Sheet