

**BATHROOM & TOILET CLEANING GEL**

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 Section 1 -- PRODUCT AND COMPANY IDENTIFICATION  
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PRODUCT NAME	HMIS CODES	
Bath Clean Gel	Health	1
PRODUCT CODES	Flammability	0
BCG/5, BCG/20	Reactivity	0
CHEMICAL FAMILY	PPI	B
Organic/Inorganic		
USE		
Bathroom Cleaner		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.	
Greenleaf Solutions Ltd	Poisons Information Centre	
PO Box 64-125	New Zealand 0800-764-766	
Botany, Auckland NZ 1703	Australia 13-1126	
DATE OF PREPARATION	TECHNICAL SERVICE TELEPHONE NO.	
15 <sup>th</sup> December, 2004	0061-9-530 9550	

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 Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS  
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% by WT	CAS No.	INGREDIENT	UNITS
0.05	68424-95-3	Di-N-alkyl (C8-10)dimethylammonium chloride	
		ACGIH TLV	N/D
		OSHA PEL	N/D
0.04	Mixture	Linear primary and/or secondary alcohol ethoxylates and/or nonyl phenol ethoxylate	
		ACGIH TLV	N/D
		OSHA PEL	N/D
0.03	68424-85-1	N-Alkyl (C12-16)dimethylbenzylammonium chloride	
		ACGIH TLV	N/D
		OSHA PEL	N/D
0.03	64-02-8	Tetrasodium ethylenediamine tetra acetate	
		ACGIH TLV	N/D
		OSHA PEL	N/D
0.01	6834-92-0	Sodium Metasilicate	
		ACGIH TLV	N/D
		OSHA PEL	N/D
99.8	7732-18-5	Water	
		ACGIH TLV	N/D
		OSHA PEL	N/D

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 Section 3 -- HAZARDS IDENTIFICATION  
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SUMMARY OF ACUTE HAZARDS

Based on the available animal toxicity information, it is anticipated that this material will cause mild or no skin or eye irritation upon direct or prolonged contact. No human overexposure data is available for this material.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

None known.

EYE CONTACT

May cause eye irritation.

SKIN CONTACT

May cause skin irritation.

INGESTION

May cause Nausea and vomiting.

SUMMARY OF CHRONIC HAZARDS

None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE - No effects indicated.

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Section 4 -- FIRST AID MEASURES  
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If INHALED: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

If on SKIN: Immediately wash with soap and water. Remove and wash any contaminated clothing.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.

If SWALLOWED: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

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Section 5 -- FIRE FIGHTING MEASURES  
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FLASH POINT	LEL	UEL
None	N/D	N/D

## EXTINGUISHING MEDIA

Non-flammable. Use agents appropriate for surrounding fires.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing. Hazardous decomposition products possible (see Section 10).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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Section 6 -- ACCIDENTAL RELEASE MEASURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent materials to prevent footing hazard and to contain. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

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Section 7 -- HANDLING AND STORAGE  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use.

OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

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Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION  
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RESPIRATORY PROTECTION (SPECIFY TYPE): None required.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: N/A

MECHANICAL (GENERAL): Acceptable

OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Plastic apron and sleeves.

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES  
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BOILING POINT: >212 F (100 C) @ 760mm Hg  
 SPECIFIC GRAVITY (H2O = 1): 1.00  
 VAPOR PRESSURE (mm Hg): N/D  
 MELTING POINT: N/A  
 VAPOR DENSITY (AIR = 1): N/D  
 EVAPORATION RATE (ETHYL ACETATE = 1): N/D  
 APPEARANCE/ODOR: Blue Thick Liquid / Fresh Odour  
 SOLUBILITY IN WATER: Soluble

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 Section 10 -- STABILITY AND REACTIVITY  
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STABILITY: Stable  
 CONDITIONS TO AVOID: None  
 INCOMPATIBILITY (MATERIALS TO AVOID): None known.  
 HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO, and fragmented hydrocarbons.  
 HAZARDOUS POLYMERIZATION: Will not occur.

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 Section 11 -- TOXICOLOGY INFORMATION  
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CHRONIC HEALTH HAZARDS  
 No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA  
 Ingredient Name

Di-N-alkyl (C8-10)dimethylammonium chloride  
 Oral-Rat LD50:240 mg/kg  
 Inhalation-Rat LC50:N/D

-eye irritation (rabbit): non-irritant (primary irritation index = 0.0)  
 -skin irritation ( rabbit): non-irritant (primary irritation index = 0.0)

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 Section 12 -- Ecological Information  
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ECOLOGICAL DATA  
 Ingredient Name

Di-N-alkyl (C8-10)dimethylammonium chloride  
 Food Chain Concentration Potential None  
 WATERFOWL TOXICITY None  
 BOD None  
 AQUATIC TOXICITY None

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 Section 13 -- DISPOSAL CONSIDERATIONS  
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Waste Classification: Non-regulated liquid waste.  
 Disposal Method: Dispose of in accordance with local, state and federal regulations.

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 Section 14 -- TRANSPORTATION INFORMATION  
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DOT: Non-regulated  
 OCEAN (IMDG): Non-regulated  
 AIR (IATA): Non-regulated  
 WHMIS (CANADA): Non-regulated

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Section 15 -- REGULATORY INFORMATION  
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REGULATORY DATA  
Ingredient Name  
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This is an EPA registered pesticide (EPA Registration No. 6836-152-51219)

Di-N-alkyl(C8-10)dimethylammonium chloride  
SARA 313 No  
TSCA Inventory Yes  
CERCLA RQ N/A  
RCRA Code N/A

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Section 16 -- OTHER INFORMATION  
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The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.