

GREEN

POISON

KEEP OUT OF REACH OF CHILDREN
AVOID CONTACT WITH SKIN AND EYES

TOILCHEM

BIO-DEGRADABLE

Active Constituents 5% w/w Glutaraldehyde



FOR SUCCESSFUL RESULTS POUR 100ML TOILCHEM INTO BASE OR HOLDING TANK BEFORE USE. THEN ADD 50ML PER EVERY 5 LITRES OF RINSE WATER OR PER VOLUME TO TOP TANK.

Safety Directions: Avoid contact with skin and eyes. Avoid breathing vapour.

First Aid: If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do NOT induce vomiting. Give water or milk then raw egg.

If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Remove from contaminated area. Apply artificial respiration if not breathing. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

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LITRE



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Manufactured by



PETER G'S
Marine Products

Quality since 1970

1/39 Dellamarta Road
Wangara WA 6065
Phone: 1300 215 368
Fax: (08) 9309 6821



Material Safety Data Sheet

HAZARDOUS ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA
(Formerly ASCC, formerly NOHSC)

Section 1 Identification of the Preparation and the Company

Identification of the preparation
Product name: Toilchem Green
Product code: None
Intended use: Sanitary fluid for controlling odours in portable toilets

Identification of the Company

Manufacturer	Peter G's
Address	Unit 1/39 Dellamarta Road Wangara WA 6065
Telephone	(08) 9309 3481
Facsimile	(08) 9309 6821
Email	sales@petergs.com.au
Australian emergency phone number	Poisons Information Centre. Phone (eg Australia 13 1126; New Zealand 0800 764 766).

Section 2 Hazard Identification

HAZARDOUS SUBSTANCE	The product is classified as hazardous according to the criteria of Safe Work Australia (formerly the Australian Safety and Compensation Council (ASCC), formerly NOHSC)
DANGEROUS GOOD	The product is not a Dangerous Good.
CLASSIFICATION	T - Toxic
RISK PHRASES	R22 : Harmful if swallowed R23 : Toxic by inhalation R34 : Causes burns R42/43 : May cause sensitisation by inhalation and skin contact
SAFETY PHRASES	S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37: Wear suitable protective clothing and gloves S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.) S51: Toxic to aquatic organism

Section 3 Composition/Information on Ingredients

The product is a sanitary fluid, which contains hazardous ingredients at concentrations above the concentration cut-offs specified by Worksafe Australia (NOHSC).

Name	CAS Number	Concentration
Glutaraldehyde	111-30-8	10 - 30%
Alkyl phenol ethoxylate	Not available	<10%
Alkyl benzene sulphonate	42619-29-2	1%
Water	7732-18-5	Balance

Section 4 First-aid Measures

EYES: If in eyes, IMMEDIATELY hold eyelids apart and flush the eye continuously with running water. Seek medical attention. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 30 minutes.
SKIN: Immediately remove contaminated clothing and rinse the affected area with water. Then wash thoroughly with soap and water for a period of approximately thirty minutes. Seek medical attention. Launder affected clothing before re-use.
INGESTION: NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK NOR ATTEMPT TO INDUCE VOMITING. If the person is conscious, rinse mouth out with water ensuring that mouth wash is not swallowed. Give about 250mL (2 glasses) of water to drink. DO NOT attempt to induce vomiting. Seek URGENT medical attention. For advice, contact a Poisons Information Centre (phone eg Australia 131 126; New Zealand 0800 764 766).
INHALATION: Remove to fresh air. Keep warm and at rest. If breathing is laboured, hold in a half upright position (this assists respiration). Apply artificial respiration if breathing has stopped. Seek URGENT medical attention.
ADVICE TO DOCTOR: Treat symptomatically.

Section 5 Fire-fighting Measures

Non-flammable.
EXTINGUISHING MEDIA: Extinguish using water fog, alcohol foam, carbon dioxide or dry chemical.
HAZARDOUS COMBUSTION PRODUCTS: Will evolve toxic fumes if heated to decomposition or burned.
PRECAUTIONS: Fire fighters should wear self-contained breathing apparatus in a fire situation. If possible remove containers from the vicinity of the fire. Otherwise, keep containers as cool as possible by spraying with water.

Section 6 Accidental Release Measures

Increase the ventilation if it is possible to do so. Wear protective equipment as specified for handling. Do not allow the product to enter storm water drains or natural water-ways. Cover with an absorbent such as earth, sand or commercial absorber. Sweep up and collect in drums. Dispose to approved land-fill.

Section 7 Handling and Storage

Avoid skin contact with the neat liquid. Avoid any contact with the eyes. Avoid inhalation of vapour.

The product may react with strong oxidising agents or alkaline substances and contact should be avoided. Store in a cool, well ventilated area. Protect containers against physical damage.

Section 8 Exposure Controls / Personal Protection

EXPOSURE STANDARDS

Exposure Standards have not been allocated to this product. Information for ingredients is:

Glutaraldehyde (111-30-8): TWA: (ppm) 0.1 TWA (mg/m³) 0.41 STEL (ppm) - STEL (mg/m³) - peak, sensitiser,
Exposure standards represent airborne concentrations of individual chemical substances, which, according to current knowledge, should neither impair the health of, nor cause undue discomfort to, nearly all workers. Except where modified by consideration of excursion limits, exposure standards apply to long term exposure to a substance over an eight-hour day, for a five-day working week, over an entire working life. Except for short-term exposure limits (STELs), or where a peak value has been assigned, the exposure standards for airborne contaminants are expressed as a time-weighted average (TWA) concentration of that substance over an eight-hour working day, for a five-day working week.

From: Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]

BIOLOGICAL LIMIT VALUES: None allocated.

ENGINEERING CONTROLS: General (mechanical) ventilation may be adequate for anticipated uses. Local exhaust should be available if handling large amounts.

PERSONAL PROTECTION: For normal use, avoid eye and skin contact and wear safety goggles and rubber gloves, as necessary to ensure that contact does not occur.

If handling the product in bulk, wear chemical resistant safety goggles or face shield, neoprene gloves, waterproof overalls and rubber boots; overall legs should be worn over boots, NOT tucked in; respiratory protection (respirator with aldehyde type filter) may be required if exhaust ventilation is not in use.

Section 9 Physical and Chemical Properties

Appearance	Slightly viscous liquid.
Odour	Acrid
Colour	Green
Solubility	Soluble
Ph	5.8
Boiling point	Approx 100°C
Flash point	>61°C
Explosive properties	No data available
Vapour pressure	Negligible
Specific gravity	1.02

Section 10 Stability and Reactivity

CHEMICAL STABILITY: Product is considered stable under normal handling conditions.

CONDITIONS TO AVOID Avoid contact with alkaline substances.

INCOMPATIBLE MATERIALS: Product may react with strong oxidising agents or alkaline substances.

HAZARDOUS DECOMPOSITION PRODUCTS: Will evolve toxic fumes if heated to decomposition or burned

HAZARDOUS REACTIONS; The product may react with strong oxidising agents

Section 11 Toxicological Information

HEALTH HAZARDS ACUTE

INGESTION: Ingestion may result in severe irritation. Liver, kidney and heart damage may result from ingestion. EYE: Severely irritating to the eyes, permanent eye damage may result unless the product is removed promptly.

SKIN: Irritating. Intensive contact with the skin may cause sensitisation and contact dermatitis

INHALATION: Product has relatively low volatility, however if inhaled vapours may cause irritation, choking and coughing. It is suspected that glutaraldehyde may cause sensitisation and lead to asthmatic type responses in some individuals.

HEALTH HAZARDS CHRONIC

Inhalation, and ingestion are the routes of entry into the body. Glutaraldehyde is a component of this product and health effects may result from a single, severe over-exposure or from prolonged lower level exposures. Allergic (sensitivity) effects include allergic contact dermatitis on hands, face or other exposed parts, allergic rhinitis and asthma. Allergic reactions may be triggered by very minor exposures and may persist after exposure ceases. Prolonged exposure has been reported to cause damage to vocal chords and loss of sensation in the mouth, throat and oesophagus.

Glutaraldehyde

LD50 (oral, rat): 134mg/Kg;

LC50 (inhaled, rat): 480mg/m³/4H;

LD50 (skin, rabbit): >2500mg/Kg

Section 12 Ecological Information

Environmental Toxicity:

Toxic to fish; avoid discharge to natural waters.

MOBILITY: The product will dissolve in water

PERSISTENCE / DEGRADABILITY: The active ingredients in this product are not expected to be environmentally persistent.

BIOACCUMULATION: The active ingredient will act as a biocide and localised impact can be anticipated.

Section 13 Disposal Considerations

Dispose to approved land-fill.

Section 14 Transport Information

Non-Dangerous Good

Proper Shipping Name: Not applicable

UN Number: Not applicable

DG Class: Not applicable

Packing Group: Not applicable

Hazchem Code: Not applicable

Section 15 Regulatory Information

Product is a Schedule 6 (S6) Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Section 16 Further Information

REFERENCES

- List of Designated Hazardous Substances [NOHSC: 10005 (1999)]
- National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011(2003)]
- Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003(1995)] and subsequent amendments
- Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code), 7th Edition, 2007
- Australian/New Zealand Standard AS/NZS 1715, Selection, use and maintenance of respiratory protective devices
- Australian/New Zealand Standard AS/NZS 1716, Respiratory protective devices
- Australian/New Zealand Standard AS/NZS 1337- Eye protectors for industrial applications
- Australian/New Zealand Standard AS/NZS 2161 Occupational protective gloves - selection, use and maintenance.

ABBREVIATIONS

LC50	Lethal dose for 50% of test population, by inhalation.
LDLo	Lowest documented lethal dose
LD50	Lethal dose for 50% of test population, by ingestion or skin contact
TDLo	Lowest published toxic dose

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