



MATERIAL SAFETY DATA SHEET

PETER G'S CLEANING PRODUCTS

TOILCHEM BLUE

DATE OF ISSUE: 1ST February, 2015

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

REVISION: 04

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

Product Name	Toilchem Blue
Product Code	None
Product Use	Sanitary fluid for controlling odours in portable toilets
Company Name	Peter G's
Address	Unit 3 / 27 Denninup Way Malaga WA 6090
Telephone	08 9249 1963 / 0400 411 721
Facsimile	08 9249 2654
Email	petergsmarine@bigpond.com
Emergency Number	Poisons Information Centre 13 11 26

2. HAZARD IDENTIFICATION

Hazardous Substance	This product is classified as hazardous according to the criteria of Safe Work Australia
Dangerous Good	The product is not a Dangerous Good
Classification	Xn - Harmful
Risk Phrases	R20/21/22: Harmful inhalation, in contact with the skin and if swallowed R36/37/38: Irritating to eyes, respiratory system and skin R40: Possible risk of irreversible effects. R43: 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 label whenever possible) S51: Toxic to aquatic organisms

3. COMPOSITION / INFORMATION ON INGREDIENTS

This 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
Formaldehyde, stabilised	50-00-0	>20% (50% of solution 37/7)
Nonyl phenol	25154-52-3	5%
Colour & Fragrance	N/A	2%
Linear alkyl benzene sulphonic acid	1821-12-1	1%
Water and non- hazardous additives	N/A	Balance

4. FIRST AID MEASURES

EYES: If in eyes, IMMEDIATELY hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek URGENT medical attention.

SKIN: Remove contaminated clothing. Rinse the affected area with water then wash thoroughly with soap and water. Use water alone if soap not available. Seek medical attention if any soreness or inflammation of skin persists. Launder affected clothing.

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 isn't swallowed. Give about 250ml of water to drink. Do not attempt to induce vomiting. SEEK URGENT MEDICAL ATTENTION.

INHALATION: Remove to fresh air. Keep warm and 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.



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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 and full protective clothing. If possible remove containers from the vicinity of the fire. Otherwise keep containers as cool as possible by spraying with water from a protected position.

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 a commercial absorber. Sweep up and collect in drums. Dispose to approved land fill.

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE STANDARDS have not been allocated to this product. Information for ingredients is:

Formaldehyde (50-00-1): TWA: (ppm) 1 TWA (mg/m³) 1.2 STEL (ppm) 2 STEL (mg/m³) 2.5 sensitiser, Category 3 Carcinogen; Exposure standards represent airborne concentrations of individual 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 of 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: Non 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.



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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Slightly viscous liquid
ODOUR	Fruity, acrid
COLOUR	Blue
SOLUBILITY	Soluble
PH	Approx 2
BOILING POINT	Approx 100°C
FLASH POINT	>61°C
EXPLOSIVE PROPERTIES	N/A
VAPOUR PRESSURE	Negligible
SPECIFIC GRAVITY	1.02

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: None known

HAZARDOUS REACTIONS: May react with strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

INGESTION: Irritating. May cause irritation to mucous membranes, nausea and abdominal discomfort. Deliberate ingestion of large quantities may produce serious poisoning.

EYE: The neat liquid and concentrated solutions are severely irritating and permanent eye damage may result.

SKIN: Irritating. Contact with the neat liquid may irritate the skin and contribute to dermatitis.

INHALATION: Low hazard in normal use. Product is not volatile and does not evolve significant levels of vapour in the air. However, inhalation of spray mists would cause severe irritation to the respiratory system.

HEALTH HAZARDS CHRONIC

Inhalation of spray mists and ingestion are the routes of entry into the body. Prolonged or repeated skin contact with concentrated solution defats the skin and may contribute to dermatitis. Skin or eye contact with the neat liquid may result in damage unless first aid treatment is prompt.

Formaldehyde:	LCLo (inhaled, human): 17mg/m ³ /30M
	LD50 (oral, rat): 100mg/kg
	LC50(inhaled, rat): 203mg/m ³

Formaldehyde: Classified by the International Agency for Research on Cancer (I.A.R.C.) in Group 2A i.e. possibly carcinogenic to humans (sufficient evidence in animals, limited evidence in humans). Classified by the Australian Safety and Compensation Council (formerly Worksafe Australia) as a Category 3 Carcinogen i.e. Substances suspected of having carcinogenic potential. Substances suspected of having carcinogenic potential are those substances which have possible carcinogenic effects on humans but in respect of which the available information is not adequate for making a satisfactory assessment. There is some evidence from appropriate animal or epidemiological studies, but this is insufficient to place the substance in Category 2.



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12. ECOLOGICAL INFORMATION

Product is toxic to aquatic organisms.

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.

13. DISPOSAL CONSIDERATIONS

Dispose to approved land-fill

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

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

All information is for guidance only without warranty, representation, inducement or licence of any kind, except that it is obtained from sources believed to be accurate at the date of issue. Recommendations / Information are offered in good faith, but no warranty is implied or expressed.

Peter G's Cleaning Products 08 9249 1963

Revision Number 04

Dated 1ST February, 2015