



MATERIAL SAFETY DATA SHEET

PETER G'S CLEANING PRODUCTS

KLEEN-A-DECK TEAK BRIGHTENER

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	Kleen-A-Deck Teak Brightener
Product Code	None
Product Use	Brightener for timber surfaces. Used undiluted on wetted surface, immediately following treatment with Kleen-A-Deck Teak Cleaner
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	This product is not a dangerous good.
Classification	C. Corrosive
Risk Phrases	R20: Harmful by inhalation R35: Causes severe burns
Safety Phrases	S9: Keep container in a well ventilated place S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical. S36/37/39: Wear suitable protective clothing, gloves and eye / face protection. S45: In case of accident or if you feel unwell, seek medical advice immediately. (Show label whenever possible)

3. COMPOSITION / INFORMATION ON INGREDIENTS

The product is a timber treatment, which contains no hazardous ingredients at concentrations above the concentration cut-offs specified by Worksafe Australia (NOHSC)

Name	CAS Number	Concentration
Hydrochloric acid	7647-01-0	2.5%
Sodium alkyl ethoxysulphonate	N/A	<10%
Water	7732-18-5	Balance

4. FIRST AID MEASURES

EYES: If in eyes, 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: First aid is unlikely to be required as a result of exposure during any anticipated use. However, if necessary, move to fresh air. Keep warm and rest. Seek medical attention if symptoms persist.

ADVICE TO DOCTOR: Treat symptomatically.



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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate extinguishing media for the surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS: Non-combustible. The product may evolve toxic fumes if heated to decomposition but is not expected to significantly add to the hazard in a fire situation.

PRECAUTIONS: Fire fighters should wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Exercise caution as spills may be slippery. Mop up and rinse to drain or simply wash away with water.

7. HANDLING AND STORAGE

Avoid prolonged skin contact with the neat liquid. General storage is adequate. Keep container in a well-ventilated place. Protect containers against physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Hydrochloric Acid (7647-01-0): TWA: (ppm) 5 TWA (mg/m³) 7.5 peak STEL (ppm) – STEL (mg/m³)

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: None Allocated

ENGINEERING CONTROLS: General (mechanical) ventilation is adequate for normal use.

PERSONAL PROTECTION: Safety goggles and rubber gloves. Avoid eye and skin contact with the neat liquid.



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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Slightly viscous liquid
ODOUR	Lemon
COLOUR	Yellow
SOLUBILITY	Soluble
PH: 1% SOLUTION	2.1
BOILING POINT	Approx 100°C
FLASH POINT	None
EXPLOSIVE PROPERTIES	None
VAPOUR PRESSURE	Negligible
SPECIFIC GRAVITY	1.04

10. STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID: The product may react with strong oxidising agents and acids.

INCOMPATIBLE MATERIALS: Chlorine containing products, alkalis, organic materials, aluminium, tin or zinc coated metals.

HAZARDOUS DECOMPOSITION PRODUCTS: Non-combustible but may evolve acrid fumes in a fire situation.

HAZARDOUS REACTIONS: May evolve hydrogen, a highly flammable gas, on contact with reactive metals.

11. TOXICOLOGICAL INFORMATION

Health Hazards Acute

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

EYE: Severely irritating to the eyes. Prolonged contact may result in permanent eye damage.

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

INHALATION: Low hazard, no health effects are expected as a result of normal use. Product is not volatile and does not evolve significant levels of vapour in 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. The neat product may defat the skin and prolonged or repeated contact may contribute to dermatitis.

HYDROCHLORIC ACID:	LCLo (inhaled, human): 1300ppm/30M
	LD50 (oral, rabbit): 900mg/kg
	LCLo (inhaled, rabbit): 4413ppm/30M



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12. ECOLOGICAL INFORMATION

If released into the soil, this product will dissolve the carbonate based soil materials due to its acidic nature.
Mobility: Soluble in water.
Persistence / Degradability: Not known
Bioaccumulation: None known

13. DISPOSAL CONSIDERATIONS

Dispose to approved land-fill.

14. TRANSPORT INFORMATION

Dangerous Good
Proper Shipping Name: Hydrochloric Acid
UN Number: 1789
DG Class: 8
Packing Group: 11
Hazchem Code: 2R

15. REGULATORY INFORMATION

Product is a Scheduled 5 (S5) 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
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