


PROUDLY
AUSTRALIAN

WARNING

KEEP OUT OF REACH OF CHILDREN
CONTAIN ACIDS

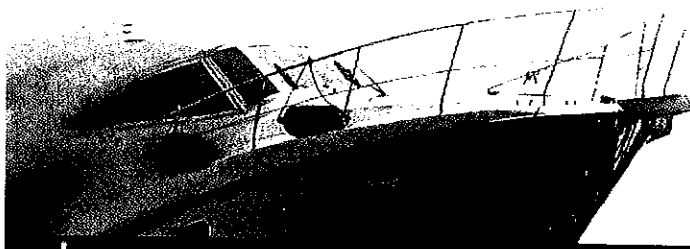
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LITRE

KleenADeck

Teak Brightener

INSTRUCTIONS: Apply directly to wet deck immediately after it has been cleaned with Teak Cleaner. Using a soft brush or sponge, swab complete area liberally, then wash off thoroughly. Always test product on a small inconspicuous area before general use.

IF SWALLOWED DO NOT INDUCE VOMITING. GIVE MILK OR MILK OF MAGNESIA. SEEK MEDICAL ATTENTION. IF SPLASHED IN THE EYES, WASH THOROUGHLY WITH WATER THEN USE EYE WASH OR EYE DROPS. IF SPLASHED ON SKIN, WASH WITH SOAPY WATER.



 **PETER G'S**
Marine Products

Quality
since 1970

1/39 Dellamarta Road, WANGARA WA 6065
Phone: (08) 9309 3481 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:	Teak Brightener
Product code:	None
Intended use:	Brightener for timber surfaces. Used undiluted on wetted surface, immediately following treatment with Teak Cleaner
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 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 advice. 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 the label where possible).

Section 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	Not available	<10%
Water	7732-18-5	Balance

Section 4 First-aid Measures

EYES: If in eyes, 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 15 minutes.

SKIN: Remove contaminated clothing. Rinse the affected area with water then wash thoroughly with soap and water. Use water alone, if soap is unavailable. Seek medical attention if any soreness or inflammation of the skin persists or develops later. 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: First aid is unlikely to be required as a result of exposure during any anticipated use. However, if necessary, remove to fresh air. Keep warm and at rest. Seek medical attention if any symptoms persist.

ADVICE TO DOCTOR: Treat symptomatically.

Section 5 Fire-fighting Measures

Non-combustible

EXTINGUISHING MEDIA: Use whatever is appropriate for the surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS: 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.

Section 6 Accidental Release Measures

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

Section 7 Handling and Storage

Avoid skin or eye contact with the neat liquid.

General storage is adequate. Keep container in a well-ventilated place.

Section 8 Exposure Controls / Personal Protection

EXPOSURE STANDARDS

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 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 is adequate for normal use.

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

Section 9 Physical and Chemical Properties

Appearance	Slightly viscous liquid.
Colour	Yellow
Odour	Lemon
Solubility	Soluble
PH: 1% Solution	2.1
Boiling point	Approx 100 ^o C
Flash point	None
Explosive properties	None
Vapour pressure	Negligible
Specific gravity	1.04

Section 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.

Section 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.

Section 12 Ecological Information

Environmental Toxicity:

If released to soil, this product will dissolve the carbonate based soil materials due to its acidic nature.

MOBILITY: Soluble in water.

PERSISTANCE / DEGRADABILITY: Not known

BIOACCUMULATION: Not known.

Section 13 Disposal Considerations

Dispose to approved land-fill.

Section 14 Transport Information

Dangerous Good

Proper Shipping Name: Hydrochloric Acid

UN Number: 1789

DG Class: 8

Packing Group: II

Hazchem Code: 2R

Section 15 Regulatory Information

Product is a Schedule 5 (S5) 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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