



MATERIAL SAFETY DATA SHEET

PETER G'S CLEANING PRODUCTS

KLEEN-A-HULL

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-Hull |
| Product Code | None |
| Product Use | Cleaner for boat hulls. Kleen-A-Hull will remove discolouration, scuff marks, stains and surface rust from fibreglass, steel, chrome and aluminium. |
| 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 a Dangerous Good |
| Classification | C. Corrosive |
| Risk Phrases | R34: Causes burns R36/38: Irritating to the skin and eyes. |
| Safety Phrases | S26: In case of contact with eyes, rinse immediately with water and seek medical advice. S36/38: 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

| Name | CAS Number | Concentration |
|--|------------|---------------|
| Phosphoric Acid | 7664-38-2 | 10-30% |
| Surfactant | | <10% |
| Non-hazardous ingredients, including water | | 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: 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 whatever is appropriate for the surrounding fire

HAZARDOUS COMBUSTION PRODUCTS: After water content has evaporated, the residue may evolve toxic fumes if heated to decomposition or burned.

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

6. ACCIDENTAL RELEASE MEASURES

Remove unnecessary personnel from the affected area.

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

7. HANDLING AND STORAGE

Avoid any contact with the skin or eyes.

Class 8 Corrosive Liquids should not be transported or stored with goods of Class 1 (Explosives), Class 4.3 (Dangerous when wet substances), Class 5.1 (Oxidising Agents), Class 5.2 (Organic Peroxides), Class 6 (Poisonous Toxic Substances (where the poisonous substances are cyanides and the corrosives are acids)), Class 7 (Radioactive Substances), foodstuffs & foodstuff empties.

Store in a cool well ventilated area. Avoid contact with reactive metals. Segregate from alkaline materials. Protect containers against physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Phosphoric Acid (7664-38-2): TWA: (ppm)- TWA (mg/m³) 1 STEL (ppm) – STEL (mg/m³) 3

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 contaminates 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 is sufficient for all anticipated uses of the product. Avoid inhalation of spray mists.

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 | Eucalyptus |
| COLOUR | Yellow |
| SOLUBILITY | Soluble |
| PH | <11.5 |
| BOILING POINT | Approx 100°C |
| FLASH POINT | None |
| EXPLOSIVE PROPERTIES | None |
| VAPOUR PRESSURE | Negligible |
| SPECIFIC GRAVITY | ~1.0 |

10. STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: It may react with strongly acidic materials and contact should be avoided

HAZARDOUS DECOMPOSITION PRODUCTS: None known

HAZARDOUS REACTIONS: None known

11. TOXICOLOGICAL INFORMATION

INGESTION: Corrosive. May cause burning of the mouth, throat and stomach. Ingestion may cause coughing, constriction of the throat due to swelling of the larynx and vomiting blood or blood in diarrhoea. Breathing difficulties, shock and convulsions may follow.

EYE: The neat liquid and concentrated solutions are severely irritating and may cause conjunctivitis, ulceration and conceal burns. Permanent eye damage may result.

SKIN: Brief exposure may cause irritation. Prolonged contact may result in severe irritation and burns.

INHALATION: Product has relatively low volatility so inhalation of hazardous quantities of vapour is unlikely to occur during normal use. However, if inhaled vapours or spray mists are irritating to the eyes, nose and throat. Inhalation may cause burning sensations, higher concentrations may cause coughing, choking and difficulty breathing due to oedema of the lungs. Symptoms of oedema may have delayed onset.

HEALTH HAZARDS CHRONIC

Inhalation of spray mists and ingestion are the routes of entry into the body. Prolonged or repeated skin contact with dilute 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.

PHOSPHORIC ACID TDLo (oral, man): 1286uL/kg
 LD50 (oral, rat): 1530mg/kg

LC50 (inhaled, rat): >850mg/m³/1H
LD50 (skin, rabbit): 2740mg/kg



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12. ECOLOGICAL INFORMATION

Product is expected to exhibit low environmental toxicity.

Mobility: The product will dissolve in water.

Persistence / Degradability: When released into the soil, this material may leach into groundwater. When released to water, acidity may be readily reduced by natural water hardness minerals. The phosphate, however, may persist indefinitely.

Bioaccumulation: Product is surface active, Log Pow inappropriate. Do not release onto surface waters.

13. DISPOSAL CONSIDERATIONS

Product may be diluted with copious quantities of water and flushed to drains or disposed to approved land fill

14. TRANSPORT INFORMATION

This product is a Class 3 dangerous good according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code)

Proper Shipping Name: Phosphoric Acid Solution

UN Number: 1805

DG Class: 8

Packing Group: 111

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

Revision Number 04

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