



SAFETY DATA SHEET

1. Identification

Trade Name	<ul style="list-style-type: none">Pureworx All-Purpose Cleaner and Degreaser
Company Name	Rely Services Pty Ltd
Address	Unit 30, 1 International Drive, Westmeadows VIC 3049 Aust
Website	www.pureworx.com.au
Telephone	+61 3 9338 2401
Recommended use	Cleaning of various surfaces. Deodoriser. Non-toxic and biodegradable. Safe upon skin and food contact.
Other Information	EMERGENCY CONTACT NUMBER: +61 3 9338 2401

2. Hazard Identification

GHS classification	
Hazard Categories	Harmful to health: <ul style="list-style-type: none">Acute toxicity (Oral)- Category 5Acute toxicity (inhalation, mist)- Category 5 Harmful to the environment: <ul style="list-style-type: none">Aquatic environment acute toxicity- Not classified

3. Composition/information on ingredients

Composition, information on ingredients	Pureworx: Potassium Hydroxide and Water
Chemical formula	Potassium Hydroxide Solution Liquid
Chemical Characterisation Concentration	Potassium Hydroxide \leq 1% Water (>99%)
CAS No	Potassium Hydroxide: 1310-58-3 Water: 7732-18-5

4. First-aid measures

General Advice	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Seek medical advice if you feel unwell. Show this safety data sheet to the doctor in attendance.
Inhalation	If it is inhaled, move the person to a place with fresh air and keep him/her rest in a position comfortable for breathing.



Ingestion	If it is swallowed, drink large amount of water and seek medical help if necessary. Do not induce vomiting unless instructed by a physician.
Skin	If there is contact with skin, rinse with running water and wipe it dry. If there is symptom of inflammation, seek medical help.
Eye contact	If there is contact with eyes, immediately rinse eyes with running water for more than 15 minutes. Remove contact lenses and rinse the lenses. Seek medical help if necessary.

5. Fire-fighting measures

Flammability Conditions	Product is a non-flammable liquid.
Extinguishing Media	Extinguishing media: Dry chemical powder, CO2, Water, foam. If large fire, use regular extinguishing media or flood with fine water spray.
Fire and Explosion Hazard	Not considered to be an explosion hazard.
Hazardous Products of Combustion	Substance does not burn.
Special Fire Fighting Instructions	N/A
Personal Protective Equipment	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire-fighting helmet, coat, trousers, boots and gloves).

6. Accidental release measures

General Response Procedure	Wipe it off and avoid contact with eyes or mouth.
Personal Protection	Personnel involved in the clean-up should wear appropriate protective clothing as listed in section 8.
Clean-up Methods - Small Spillages	Stop the leakage. Contain and absorb using appropriate absorbent material. Dispose the spilled material according to the regulation.
Containment	Recover with suction machine. Within 5 minutes recovers to pure water and mineralised salts.
Decontamination	Not Applicable
Environmental Precautions	Not Applicable

7. Handling and storage

Precautions for Safe Handling	<ul style="list-style-type: none">• Precaution against exposure: avoid contact with eyes and mouth• Local ventilation and general ventilation: none• Safe handling precaution: none
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Conditions for Safe Storage, Including Any Incompatibilities

- Chemicals to be mixed: none
- Appropriate storage condition: avoid direct sunlight, store indoor with good ventilation. Seal the container when it is not in use
- Safe packaging materials: use product container

Corrosiveness

Non-Corrosive.

Storage Temperatures

Store at room temperature (15-25°C recommended).

Container

Store in original packaging as approved by manufacturer.

8. Exposure controls/personal protection

Other Exposure Information

As per Australia Exposure Standards the maximum inhaling exposure limit is 2mg/m3.

Appropriate engineering controls

It is advisable to handle in a facility equipped with local or general exhaust ventilation system.

**Respiratory Protection
Eye Protection**

Not required.

Wear safety glasses as a minimum eye protection when handling Potassium Carbonate. Conditions may warrant the use of chemical goggles and possibly a face shield. Consult your standard operating procedure or safety professional for advice.

**Hand Protection
Personal Protective Equipment**

Use rubber gloves.

Long-sleeve and long pants.

Footwear

Protective Boots

Body Protection

Clean clothing or protective clothing should be worn.

Hygiene Measures

Always wash hands before smoking, eating or using the toilet. In the case of allergy, wash hands and face after handling.

9. Physical and chemical properties

Form

Liquid

Appearance

Clear liquid

Odour

Odourless

pH

12.5 (±0.5)

Freezing Point

No data available

Melting Point

No data available

Boiling Point

100°C (±5)

Solubility in Water

Completely soluble

Specific Gravity

No Data Available

Vapour Pressure

No Data Available

Viscosity

No Data Available

Volatile Component

No Data Available

Flammability

Non-combustible material.

Explosion Properties

No data available

Molecular Weight

Potassium Hydroxide: 56.1g/mol



10. Stability and reactivity

Chemical Stability	Stable under normal temperatures, pressures and conditions of use and storage.
Conditions to Avoid	Avoid heat, freezing temperature, sunlight, ultraviolet, and contamination with foreign and/or incompatible materials.
Incompatible Materials	Aluminium and Copper
Possibility of hazardous reactions	Hazardous decomposition of the product should not occur under normal use and storage condition.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Ingestion	Low acute toxicity. Ingestion of this material may pose a hazard to vulnerable populations.
Inhalation	Acute Toxicity level. Category 5
Skin	May cause dryness on skin.
Eye	Contact of eye tissues with the liquid may cause slight irritation.
Carcinogenicity	Non-carcinogenic
Reproductive Toxicity	No Data Available

12. Ecological information

Ecological Information	No Data Available.
Persistence and degradability	Fully biodegradable.
Mobility	No Data Available.
Bio-accumulative Potential	No Data Available.
Environmental Impact	No Data Available.

13. Disposal considerations

Disposal Considerations	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.
Special Precautions for Land Fill	Contact a specialist disposal company or the local waste regulator for advice.

14. Transport information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Proper shipping name: Potassium Hydroxide Solution. Be cautious about water leakage and handle with care to prevent spillage. Avoid damaging the container. Avoid carrying with acidic materials.
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15. Regulatory information

Regulatory Information Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subject to the SDS, labelling and other requirements in the Act/Regulations.

16. Other information

Other information

Usage information:

Use neat for heavy soil
No need to dilute unless using to clean floors
Close the cap tightly after use

Expiry date:

2 years from the date of production (unopened cap, intact seal, stored in normal temperature away from high heat and direct sunlight).

The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products.