



Superwash

SAFETY DATA SHEET
Date of Issue: 7 February 2023

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Superwash
Code	50108RSW – C10561, C23815
Product Use	Machine dishwashing liquid
Company Name	Rhima Australia (ABN 63 007 242 604)
Address	72 – 74 Woodlands Drive, Braeside, Victoria 3195, Australia
Telephone	(03) 8586 5444
Facsimile	(03) 8586 5454

2. HAZARDS IDENTIFICATION

GHS Classification	Skin Corrosion Category 1A Acute Toxicity (Oral) Category 4
Signal Word	DANGER
Hazard Statements	Causes severe skin burns and eye damage Harmful if swallowed
Precautionary Statements	Refer to Safety Data Sheet before using product. Keep out of reach of children. Do not breathe mists. Wash skin thoroughly after handling. Wear protective gloves / protective clothing and eye protection / face protection. Do not eat, drink or smoke when using this product. Store locked up. Keep only in original container. Absorb spillage to prevent material damage. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTRE or doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor. Dispose of contents/container in accordance with state regulations

Pictograms





Superwash

SAFETY DATA SHEET
Date of Issue: 7 February 2023

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Potassium hydroxide	1310-58-3	10 - 30%
	Disodium metasilicate	6834-92-0	1 – 10%
	EDTA Tetra sodium	64-02-8	1 – 10%
	Ingredients determined not to be hazardous	Not required	Balance

4. FIRST AID MEASURES

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention.
Eye	If in eyes, hold eye lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek urgent medical attention.
Skin	If skin contact occurs, remove contaminated clothing and flush skin with running water. Do not re-use contaminated clothing until washed. Seek medical attention.
Inhaled	Not normally a problem due to method of use and non-volatile nature of product. However, if breathing is affected, remove victim from contaminated area. If problem persists seek urgent medical attention.
First Aid Facilities	An eye wash and general washing facility should be available adjacent to the work area.
Advice to Doctor	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 131 126; New Zealand 0800 764 766)

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use appropriate extinguishing media to suit surrounding area
Hazards from Combustion	Material does not burn.
Precautions for Fire Fighters	Wear chemical splash suit and SCBA. Corrosive liquid. Contact with metals may evolve flammable Hydrogen gas.
Hazchem	2R



Superwash

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Date of Issue: 7 February 2023

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Keep unauthorised people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Clean Up	Spills will be slippery so treat promptly. For minor spills mop up and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Collect and put into plastic bags or containers and dispose of through licenced waste disposal contractor. Rinse area with water.

7. HANDLING AND STORAGE

Handling	Wear appropriate protective clothing to prevent skin and eye contact. Use in well-ventilated area. Keep containers closed when not in use. Maintain high standards of personal hygiene. Wash hands immediately after using product.
Storage	Corrosive product. Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as acids, aluminium or zinc. Stored locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	None listed for product. However, exposure standards for potassium hydroxide are: TWA 2mg/m ³ Peak Limitation
Engineering Controls	Superwash is dispensed using an electronic feeder to prevent contact with product. Do not add manually. Never use for manual dishwashing. Use in a well-ventilated area to maintain levels below exposure standards.
Personal Protective Equipment	Wear impervious gloves and chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless non foaming liquid
Solubility in Water	Soluble
pH	14
Flash Point	Not available
Melting Point	Not available
Boiling Point	Not available
Specific Gravity	1.274



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10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Hazardous Polymerisation	Will not occur
Conditions to Avoid	No special conditions
Incompatible Materials	Reacts violently with acids. Attacks aluminium, tin and zinc

11. TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause burns to the mouth, oesophagus and gastrointestinal tract.
Eye	Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness.
Skin	Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.
Inhalation	Not normally an inhalation risk due to nature of product and method of use. However, mist inhalation may cause severe irritation to the mucous membranes and upper respiratory tract.
Chronic Effects	Prolonged or repeated exposure to this product will result in skin irritation, burns and possibly result in dermatitis.
Toxicological Data	Non available for Superwash. However, for potassium hydroxide: Oral LD50: 365mg/kg (rat) Skin 50g/mg/24hr: Severe (human) (Reference: Dangerous Properties of Industrial Materials 7 th Edition)

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available. Avoid contaminating waterways
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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.



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14. TRANSPORT INFORMATION

UN No.	1719
Proper Shipping Name	CAUSTIC ALKALI LIQUID N.O.S (Contains Potassium Hydroxide)
Hazchem Code	2 R
Class	8 Corrosive
Packing Group	II

15. REGULATORY INFORMATION

Classification	Poisons Schedule: S6 according to the Poisons Standard June 2022
	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

16. OTHER INFORMATION

Contact Point	Rhima Australia. Phone (03) 8586 5444 24 Hour Medical Emergency Ph.13 11 26
Date of preparation	7 th February 2023