



Superwash

Date of Issue: 14th December 2011

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Rhima Superwash CAUSTIC ALKALI LIQUID N.O.S.
Code	50108Rsw
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
Emergency Phone	1800 803 997

2. HAZARDS IDENTIFICATION

Classification	HAZARDOUS SUBSTANCE. DANGEROUS GOODS. Poisons Schedule S6.
Risk Phrase	R35 Causes severe burns.
Safety Phrases	S1/2 Keep locked up and out of the reach of children. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Potassium hydroxide	1310-58-3	10 - 30%
	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 urgent 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 and hair with running water. Do not re-use contaminated clothing until washed. Seek medical attention.
Inhaled	Not normally a problem due to method of use. However if breathing is affected, remove victim from contaminated area. If problem persists seek urgent medical attention.
First Aid Facilities	An eye wash fountain 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)

MATERIAL SAFETY DATA SHEET24 HOUR ACCIDENT EMERGENCY LINE
1800 803 997



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

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 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 a high standard 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. Ensure storage area is secure.

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 chemical goggles or safety glasses and impervious gloves.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless liquid with mild odour
Solubility in Water	Soluble
pH	14
Flash Point	Not applicable
Melting Point	Not applicable
Boiling Point	100°C approx
Specific Gravity	1.274

10. STABILITY AND REACTIVITY

Stability	Stable under normal storage conditions
Hazardous	Will not occur
Polymerisation	
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 chemical 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	Mist generated 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 and possibly result in dermatitis.
Toxicological Data	Non available for Superwash. However for caustic potash (potassium hydroxide) Oral LD 50: 365mg/kg (rat) Skin 50mg/24H: 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.
Hazchem Code	2 R
Class	8 Corrosive
Packing Group	II

15. REGULATORY INFORMATION

Classification This material is classified as hazardous according to criteria of Safe Work Australia and as a Schedule 6 poison. C: Corrosive

Approvals

16. OTHER INFORMATION

Contact Point	Rhima Australia. Phone 03 8586 5444 24 hour medical emergency 1800 803 997
Date of preparation	14 th December 2011