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EMERGENCY CONTACTS

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IDENTIFICATION

CLASSED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

Product Name:	CHLOR WASH	UN Number:	1760
Other Name:	Not applicable	Dangerous Goods Class:	8
Manufacturers Code:	13002 (5lt) 13002 (25lt)	Subsidiary Risk:	8
Use:	For commercial and industrial machine dishwashing	Hazchem Code:	2R
Poisons Schedule:	S6	Packing Group:	III

PHYSICAL DESCRIPTION / PROPERTIES

Appearance & Odour:	Clear thin liquid	Boiling Point:	100 deg. C
Specific Gravity:	1.20 – 1.25	Solubility in Water:	Miscible
Vapour Pressure:	Not applicable	Flash Point:	Not applicable
Flammability Limits:	Not available	PH Value:	12.0 – 12.5 @ 20 c

OTHER PROPERTIES

CHEMICAL INGREDIENTS

Chemical Entity	Cas Number	Proportion
Potassium Hydroxide	1310-58-3	10 –30%
Sodium Hydroxide	1310-73-2	10-30%
Sodium Hypochlorite	7681-52-9	1-10%
Sodium Metasilicates	6834-92-0	1-10%
Other ingredients determined not to be hazardous make up the balance to 100%		

PRODUCT: ChlorWash

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Swallowed:	Harmful, severe irritant to mucous membranes. May lead to oesophageal or gastric perforation. May lead to laryngeal oedema.
Eye:	Corrosive. Severe irritant. Prolonged contact with eye may result in permanent injury
Skin:	Corrosive. Prolonged contact may result in burns and may lead to dermatitis
Chronic:	Chronic effects are unlikely due to severity of acute effects

FIRST AID

Swallowed:	DO NOT induce vomiting. Give a glass of water and seek medical advice
Eye:	Hold eyelids open and flush with water for at least 15 minutes. Seek medical advice.
Skin:	Remove any contaminated clothing and wash skin thoroughly with soap and water. If swelling, redness or irritation occurs seek medical advice.
Inhaled:	Remove to fresh air. Seek medical attention.
Advice to Doctor:	Treat symptomatically. Show this MSDS to the medical practitioner

PRECAUTIONS FOR USE

Exposure Standards:	TWA 2mg/m ³ (100% KOH); TWA 2mg/m ³ (100% NaOH)
Engineering Controls:	[NOHSC:1003(1995)] Adequate ventilation is necessary

PERSONAL PROTECTION

Personal Protection:	Avoid contact with skin and eyes
Gloves:	Rubber gloves must be worn
Eye Protection:	Goggles – Chemical resistant safety glasses must be worn
Clothing:	Long sleeves and trousers (preferably overalls) recommended. Rubber boots recommended
Flammability:	Non combustible material

SAFE HANDLING INFORMATION

Storage Precautions:	Defined as a dangerous good by the Australian code for the transport of dangerous Goods by Road and Rail. This product is scheduled Poison S6 and must therefore be stored and transported accordingly with the relevant State Poison Act. Keep containers closed at all times. Store away from food, acids, combustible materials and dangerous goods.
Ship Name:	CORROSIVE LIQUID, N.O.S., UN No:1760
Spills and Disposal:	Slippery when spilt. Remove and dispose according to government regulations. For small spills wash with plenty of water. For large spills, soak up spill with absorbent material and place in suitably labelled drums for disposal. Wash away residue with large amounts of water.
Fire/Explosion Hazards:	Not flammable. May give off toxic fumes if involved in a fire. Extinguish with water, CO2, foam or dry chemical.

OTHER INFORMATION

Risk Phrases:

R35	Causes severe burns
R41	Risk of serious damage to eyes

Safety Phrases:

S1/2	Keep locked up and out of reach of children
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28	After contact with skin wash immediately with plenty of soap-suds
S37/39	Wear suitable gloves and eye/face protection
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible)
S50	Do not mix with other chemicals

- Colourless liquid. Corrosive to aluminium, zinc and tin. Reacts violently with acids. Reacts with ammonium salts evolving ammonia gas.

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Dated – October 2007