

IDENTIFICATION

PRODUCT NAME: PACER LIQUATEC**OTHER NAMES: CAUSTIC ALKALI LIQUID, N.O.S. (CONTAINS POTASSIUM HYDROXIDE)**

UN NUMBER:	1719
D.G. CLASS:	8
SUBSIDIARY RISK:	NONE
HAZCHEM CODE:	2R
PACKAGING GROUP:	II
POISONS SCHEDULE:	6

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.**RECOMMENDED USE: Chlorinated detergent.****PRODUCT DESCRIPTION / PROPERTIES**

APPEARANCE:	Clear pale yellow, mobile liquid with a chlorine odour
BOILING POINT / MELTING POINT:	No information available
VAPOUR PRESSURE:	17.7mm Hg at 20.0°C
PERCENT VOLATILES:	76.0% at 100.0°C
SPECIFIC GRAVITY / BULK DENSITY:	S.G. 1.25
FLASH POINT:	No known fire hazard
FLAMMABILITY LIMITS:	No information available
AUTOIGNITION TEMPERATURE:	No information available
PH (NEAT):	> 13
SHELF LIFE:	15 weeks

INGREDIENTS:

	CAS No.	Range (w/w)
POTASSIUM HYDROXIDE	[1310-58-3]	10-<30%
SODIUM HYPOCHLORITE	[7681-52-9]	<10%
Other ingredients not considered hazardous by Worksafe Australia.	to	100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

SWALLOWED:	Highly corrosive - causes burns upon ingestion.
EYE:	Corrosive to eyes. May cause severe damage.
SKIN:	Causes severe burns upon skin contact.
INHALED:	Vapours, mists and sprays are capable of causing irritation.

FIRST AID

SWALLOWED:	If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do NOT induce vomiting. Give a glass of water.
EYE:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
SKIN:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
INHALED:	Remove from source of vapour to fresh air. Seek medical assistance if effects persist.
ADVICE TO DOCTOR:	Treat symptomatically.

Emergency Telephone Number **1-800-628-724**

CAMPBELL CLEANTEC (ABN 92 009 657 489), 32 PERIVALE STREET, DARRA QLD 4076



MATERIAL SAFETY DATA SHEET

PRECAUTIONS FOR USE

EXPOSURE LIMITS:	The National Occupational Health and Safety Commission (Worksafe Australia) have assigned no value for Sodium Hypochlorite. However, Exposure Standards for decomposition product: T.W.A. for Chlorine = 1ppm 3 mg/m ³ S.T.E.L. for Chlorine = Peak Limitation As published by the National Occupational Health and Safety Commission (Worksafe Australia). T.W.A. for Potassium Hydroxide = 2 mg/m ³ (Peak Limitation)
VENTILATION:	Use in a well-ventilated area.
PERSONAL PROTECTION:	Protective equipment must be worn: PVC gloves, waterproof apron, safety boots and safety glasses / goggles or a full-face shield. Avoid breathing vapours
FLAMMABILITY:	Not flammable, but may liberate flammable Hydrogen gas on contact with aluminium or galvanised surfaces.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:	Store in the original container, in a cool dry well-ventilated area out of sunlight and away from other chemicals. Store away from foodstuffs. Keep containers closed at all times – check regularly for leaks. Transport and store upright. The product is a corrosive liquid - Class 8 (Transportation of Dangerous Goods Code). Refer to relevant regulations for storage and transport requirements. Not to be loaded with explosives (class 1), dangerous when wet substances (class 4.3), oxidising agents (class 5.1), organic peroxides (class 5.2), radioactive substances (class 7), corrosives (strong acids of class 8), foodstuffs and foodstuff empties, however exemptions may apply. This material is a Scheduled Poison (S6) and must be stored, maintained and used in accordance with the relevant regulations.
SPILLS AND DISPOSAL:	Ensure adequate ventilation. Wear appropriate protective equipment. Absorb with dry earth, sand or a similar material, shovel up and dispose of in an area approved by local authority by-laws. Residues may be safely flushed to drain, if permitted. DO NOT INCINERATE. The by-products can be hazardous.
FIRE / EXPLOSION HAZARD:	In a fire, the product may liberate toxic Chlorine gas. Fire fighters should wear self-contained breathing apparatus to minimise risk of exposure to vapour or products of combustion. Extinguish fires with water spray, foam, carbon dioxide or dry chemical powder.
OTHER INFORMATION:	The product is water based and is fully soluble in water. It is a moderately strong alkali. Use good industrial hygiene. Ensure containers are fitted with vented closures. NOT SAFE for use with aluminium, tin or zinc coated metals. Safe for use with copper, brass or bronze. DO NOT mix with acidic compounds at toxic Chlorine gas may be liberated. The product is NOT stable - the amount of available chlorine slowly diminishes. Cool storage prolongs viability.

KEEP OUT OF REACH OF CHILDREN

The information contained in this MSDS is specific to the product when handled and used neat. This product when diluted may be classified as non-hazardous and may not require the same control measures as the neat product. Check with your technical representative if in doubt.

CONTACT POINTS:	Customer Service	1800 077 240
	Emergency Contact	1800 628 724

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