

IDENTIFICATION

PRODUCT NAME: PACER ULTRA CLEAN**OTHER NAMES: CAUSTIC ALKALI LIQUID, N.O.S.,
(CONTAINS SODIUM 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: As an alkaline warewashing detergent.****PRODUCT DESCRIPTION / PROPERTIES**

APPEARANCE:	Clear, colourless, mobile liquid
BOILING POINT / MELTING POINT:	No information available
VAPOUR PRESSURE:	No information available
PERCENT VOLATILES:	Approx 72% w/w
SPECIFIC GRAVITY / BULK DENSITY:	1.25
FLASH POINT:	Not relevant.
FLAMMABILITY LIMITS:	Not relevant.
AUTOIGNITION TEMPERATURE:	Not relevant.
PH (NEAT):	>13.5
BEST BEFORE (WHEN STORED AS DIRECTED):	5 months

INGREDIENTS:

	CAS No.	Range (w/w)
SODIUM HYDROXIDE	1310-73-2	10-<30%
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:	Mists and sprays are capable of causing irritation and possible harmful corrosive effects.

FIRST AID

SWALLOWED:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. 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. AVOID BECOMING A CASUALTY. Seek medical assistance if the effects persist. ** SHOW THIS SAFETY DATA SHEET TO A DOCTOR **
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:	T.W.A. for Sodium Hydroxide = 2 mg/m ³ Peak Limitation
VENTILATION:	Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local exhaust ventilation or while wearing a respirator. Keep containers closed when not in use.
PERSONAL PROTECTION:	Protective equipment must be worn: PVC gloves, waterproof apron, safety boots and a safety glasses/goggles and/or full-face shield. Avoid breathing mist, sprays or vapours. Where ventilation is not adequate, respiratory protection may be required. Any chemical cartridge respirator with cartridge(s) providing protection against the compound of concerns meeting the requirements of AS1715 and AS1716.
FLAMMABILITY:	Not flammable, but may liberate flammable Hydrogen gas on contact with Aluminium or galvanised surfaces.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:	<p>Store in the original container, in a cool dry well-ventilated area out of sunlight and away from foodstuffs and other chemicals, especially acids and ammonium salts. Do not store in aluminium or galvanised containers or use die-cast zinc or aluminium bungs. Steel bungs should be used. Reacts exothermically with water. Keep containers closed at all times – check regularly for leaks. Transport and store upright.</p> <p>The product is a corrosive liquid - Class 8 (Transportation of Dangerous Goods Code). Refer to relevant regulations for storage and transport requirements.</p> <p>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.</p> <p>This material is a Scheduled Poison (S6) and must be stored, maintained and used in accordance with the relevant regulations.</p>						
SPILLS AND DISPOSAL:	Ensure adequate ventilation. Wear appropriate protective equipment. Spillages are slippery. Keep spectators away – rope off the area. 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. Incineration of disposed material is not recommended, as it is unlikely to adequately burn.						
FIRE / EXPLOSION HAZARD:	The product is non-combustible; however, the packaging material may burn to emit noxious fumes. 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:	<p>The product is water based and fully soluble in water. It is highly alkaline. Use good industrial hygiene.</p> <p>Not safe for use with aluminium, tin or zinc coated metals. DO NOT mix with ammonium salts as toxic ammonia gas may be liberated. DO NOT mix with strong acids.</p> <p>TOXICITY DATA FOR SODIUM HYDROXIDE:</p> <table><tr><td>Intrapertoneal LD₅₀ (mouse)</td><td>40 mg/kg</td><td>Skin (rabbit) severe irritation 500 mg/24hr</td></tr><tr><td>Oral Lowest Lethal Dose (rabbit)</td><td>500 mg/kg</td><td>Eyes (rabbit) severe irritation 1 mg/30sec rinse</td></tr></table>	Intrapertoneal LD ₅₀ (mouse)	40 mg/kg	Skin (rabbit) severe irritation 500 mg/24hr	Oral Lowest Lethal Dose (rabbit)	500 mg/kg	Eyes (rabbit) severe irritation 1 mg/30sec rinse
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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

ISSUE NUMBER: 003**ISSUE DATE: 13 DECEMBER 2000****THIS ISSUE NUMBER REPLACES ALL PREVIOUS ISSUES.**

This MSDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

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