

IDENTIFICATION

PRODUCT NAME: PACER PREDATOR**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:	III
POISONS SCHEDULE:	6

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.**RECOMMENDED USE:** Concentrated oven and grill cleaner.**PRODUCT DESCRIPTION / PROPERTIES**

APPEARANCE:	Clear, red, mobile liquid with a citrus / glycol-ether odour.
BOILING POINT / MELTING POINT:	No information available.
VAPOUR PRESSURE:	No information available.
PERCENT VOLATILES:	Approx. 87% w/w
SPECIFIC GRAVITY / BULK DENSITY:	S.G. 1.07
FLASH POINT:	Not relevant.
FLAMMABILITY LIMITS:	Not relevant.
AUTOIGNITION TEMPERATURE:	Not relevant.
PH (NEAT):	> 13.0
BEST BEFORE:	2 years from manufacturing date (when stored as directed)

INGREDIENTS:	CAS No.	Range (w/w)
SODIUM HYDROXIDE	1310-73-2	<10%
Other ingredients not considered hazardous by Worksafe Australia.	to	100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

SWALLOWED:	Mildly corrosive - causes burns upon ingestion. May burn the mouth, gullet and stomach.
EYE:	Corrosive to eyes. May cause severe and permanent 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:	For advice, contact a Poisons Information Centre (Phone Australia 131126, New Zealand 03 4747 000) or a doctor. If swallowed, do NOT induce vomiting.
EYE:	If in eyes, hold eyelids 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.
SKIN:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor.
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 and as for strongly alkaline corrosive material.

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

Campbell Cleantec (ABN 92 009 657 489), 32 Perivale Street, DARRA Q 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 suitable protective equipment. Spillages may be slippery. Keep spectators away – rope off the area. Prevent entry into waterways, drains or confined areas. Absorb with dry earth, sand or other non-combustible material, shovel up and dispose of in an area approved by local authority by-laws. DO NOT INCINERATE. The by-products can be hazardous.				
FIRE / EXPLOSION HAZARD:	<p>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.</p> <p>STABILITY: Highly corrosive to most metals with evolution of flammable hydrogen gas, which will burn if ignited. Reacts violently with acids.</p>				
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) 40 mg/kg</td><td>Oral Lowest Lethal Dose (rabbit) 500 mg/kg</td></tr><tr><td>Skin (rabbit) severe irritation 500 mg/24hr</td><td>Eyes (rabbit) severe irritation 1 mg/30sec rinse</td></tr></table>	Intrapertoneal LD ₅₀ (mouse) 40 mg/kg	Oral Lowest Lethal Dose (rabbit) 500 mg/kg	Skin (rabbit) severe irritation 500 mg/24hr	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: 002**ISSUE DATE: 02 NOVEMBER 2001****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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