

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** CHLOROCLEAN PLUS LC829

**Synonyms:** UN 3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

**Use:** Detergent, Sanitiser, Cleaner.

**Supplier:** Advance Chemicals

**ABN:** 61 005 625 025

**Street Address:** 4 – 8 Malton Court, Altona, 3018

**Telephone Number:** (03) 9398 4444

**Facsimile:** (03) 9398 5278

**Emergency Telephone:** Ted Powell

(03) 9398 4444 (Business Hours)

0425 800 022 (After Hours)

## 2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7<sup>th</sup> Revised Edition.

**Hazard Classification:** HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

**Classification of the substance or mixture:**

Acute toxicity (oral) – category 4

Skin Corrosion – Sub - category 1A

Hazardous to the aquatic environment (acute) – category 1

**SIGNAL WORD:** DANGER



**Hazard Statement(s):**

H302 – Harmful if swallowed

H314 – Causes severe skin burns and eye damage.

H400 – Very toxic to aquatic life.

**Precautionary Statement(s):**

**Prevention:**

P260 – Do not breathe mist/vapour/spray

P264 – Wash hands thoroughly after handling

P270 – Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/eye protection/ face protection.

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## Response:

P301 + P3330 +P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P330 – Rinse mouth.  
P363 – Wash contaminated clothing before re-use  
P321 – Specific treatment (see First Aid Measures on Safety Data Sheet)  
P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 – Call a POISON CENTRE or doctor/physician if you feel unwell  
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## Storage:

P405 – Store in a well-ventilated place. Keep cool.

## Disposal:

P501: Dispose of contents/container in accordance with local waste management authority.

Poison Schedule (Australia):

6

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	Risk phrases
Potassium Hydroxide	1310-58-3	Less than 10%	H302; H314
Sodium Hypochlorite (to give available Cl)	7681-52-9	Less than 10%	
Surfactants	-	10 – 30%	
Alkaline Salts	-	10- 30%	
Water	7732-18-5	To 100%	

## 4. FIRST AID MEASURES

**Inhalation:** Remove victim from exposure, avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until recovered. Seek medical attention.

**Skin Contact:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with running water. See a doctor if skin irritation, swelling, redness or blistering occurs. Wash clothing before reuse.

**Eye Contact:** Immediately hold eyelids open and flood the eye continuously with clean cold water for at least 15 minutes. Continue flushing for at least 15 minutes until advised to stop by a Poisons Information Centre or a doctor. Get urgent medical attention.

**Ingestion:** Immediately rinse mouth thoroughly with water. Do NOT induce vomiting. Give a glass of water. Repeat if vomiting occurs. If patient is not conscious do NOT give anything by mouth. Get urgent medical attention.

**Medical advice:** For advice, contact a Poisons Information Centre, phone 131126, or call a doctor.

**Notes to Doctor:** Treat symptomatically for Caustic Alkali.

## 5. FIRE FIGHTING MEASURES

**Specific Hazards:** Containers may explode when heated. Contact with metals may evolve hydrogen gas.

**Fire fighting advice:** Firefighters wear gas tight suits with self contained breathing apparatus and gloves.

**Fire Extinguishing Media:** Use water fog, CO<sub>2</sub>, or dry chemical.

**Hazchem Code:** 2X

**Flammability:** Non flammable.

## 6. ACCIDENTAL RELEASE MEASURES

Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent material onto spillage. Mop up material and place into the same container. If spillage enters the waterways contact the Environmental Protection Authority, or your Waste Management Authority.

## 7. HANDLING AND STORAGE

**Handling advice:** Open container cautiously, especially in hot weather. Avoid contact with the skin and eyes. Keep out of mouth. Wear latex, neoprene, or PVC gloves and an eye shield.

**Storage advice:** Store in a cool well ventilated place out of direct sunlight. Transport and store upright with vent at top. Keep container closed at all times. Store away from other classes of dangerous goods, Class 8 acids, foodstuffs, and foodstuff empties.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### Occupational Exposure Limits:

Threshold Limit Value (TLV) – Time Weighted Average (TWA) for potassium hydroxide is 2mg/m<sup>3</sup>.

TLV - TWA for chlorine is 1 ppm.

**Engineering Controls:** TLV will not normally be exceeded when used as directed. There is no special ventilation requirement. DO NOT USE IN CONFINED SPACES.

**Personal Protection Equipment:** Wear latex, neoprene, or PVC gloves and an eye shield. Wear chemical resistant clothing including a chemical resistant apron where clothing is likely to be contaminated. Avoid breathing vapour.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear brown/gold viscous liquid with chlorine odour.

**Boiling Point:** > 100°C

**Melting Point:** Not known.

**Flash Point:** Non Flammable.

**Vapour Pressure:** 17 mm Hg @ 20 °C

**Vapour Density (Air = 1):** 0.6

**Flammability Limits:** Non Flammable.

**Specific Gravity:** 1.16

**pH (1% solution):** 12.7

**Solubility in water:** Soluble in all proportions.

**Corrosiveness:** Undiluted product is corrosive to human tissue and some non-ferrous metals.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable when stored in sealed containers at room temperature.

## 11. TOXICOLOGICAL INFORMATION

**Acute Health Effects:**

**Ingested:** Causes burns to mouth, throat and gastrointestinal tract.

**Eye:** Contact can cause corneal burns, possible permanent eye damage and blindness.

**Skin:** Causes burns to the skin.

**Inhaled:** Corrosive mist or vapour may be irritating if used without sufficient ventilation.

**Chronic:** Prolonged contact with solutions may cause skin irritation.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and must be disposed of in accordance with all federal, E.P.A, state, and local regulations. Assure conformity with all applicable regulations.

## 14. TRANSPORT INFORMATION

**UN Number:** 3266

**Proper Shipping Name:** UN 3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

**Dangerous Goods Class:** 8

**Subsidiary risk:** none allocated.

**Packing Group:** III

**Hazchem Code:** 2X

**Road and Rail Transport:** Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by road and rail.



## 15. REGULATORY INFORMATION

**Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7<sup>th</sup> Revised Edition.**

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**Poisons Schedule: 6**

## 16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since ADVANCE CHEMICALS cannot anticipate or control the conditions under which this information can be used, each user must review this information in the specific context of the intended application.

ADVANCE CHEMICALS will not be responsible for any damage or loss of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those mandated by Commonwealth, State, or Territory legislation.

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