

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** ALKAFOAM PLUS LC1470

**Synonyms:** Corrosive liquid, basic, inorganic, N.O.S.

**Use:** Heavy Duty Alkaline Detergent

**Supplier:** Advance Chemicals

**ABN:** 61 005 625 025

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

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

**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:**

Skin Corrosion – Sub - category 1A

**SIGNAL WORD:** DANGER



**Hazard Statement(s):**

H314 – Causes severe skin burns and eye damage.

**Precautionary Statement(s):**

**Prevention:**

P260 – Do not breathe mist/vapour/spray

P264 – Wash hands thoroughly after handling

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.  
 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	
Sodium Hydroxide	1310-73-2	10 – 30 %	H314
Alkaline Salts	-	10- 30%	

## 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 water. See a doctor if skin irritation, swelling, and redness or blistering occurs, seek medical advice. Wash clothing before reuse.

**Eye Contact:** Immediately hold eyelids open and flood with clean cold water for at least 15 minutes. 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.**

**Notes to Doctor:** Treat symptomatically for Caustic Alkali - Treat burns if present.

## 5. FIRE FIGHTING MEASURES

**Specific Hazards:** Non flammable or combustible

**Fire- fighting advice:** Fire fighters wear full protective clothing with breathing apparatus and gloves.

**Suitable Extinguishing Media:** Use water fog, foam or dry agent

**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 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 classifications of dangerous goods, Class 8 acids, foodstuffs, and foodstuff empties.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Occupational Exposure Limits:**

TLV - TWA for spray mist is 2mg/m<sup>3</sup>.

**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 gloves and an eye shield. Wear suitable protective clothing including a chemical resistant apron where clothing is likely to be contaminated. Avoid breathing vapour.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Light brown clear thin liquid

**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:** 1.1

**pH (neat):** 13 – 14

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

**Corrosiveness:** 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:** Corrosive. Causes burns to mouth, throat and gastro-intestinal tract.

**Eye:** Corrosive

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

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

**Chronic:** Prolonged contact with dilute solutions may cause skin irritation. Gloves should be used at all times.

## 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 should 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:** 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 an 8 (Corrosive Liquid) Dangerous substance for the purpose of transport by rail and road.



## 15. REGULATORY INFORMATION

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## 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 can not anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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