

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** ALKAFOAM F LC1712

**Synonyms:** UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (contains sodium hydroxide).

**Use:** High Foaming Heavy Duty Alkaline C.I.P. 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 3<sup>rd</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): 5**

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	Risk phrases
Sodium Hydroxide	1310-73-2	30 - 60%	<b>H314</b>
Sequestrants	-	Less than 10%	
Water	7732-18-5		

## 4. FIRST AID MEASURES

**Inhalation:** Remove victim from exposure, avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If victim has stopped breathing begin artificial respiration, or if heart has stopped, cardiopulmonary resuscitation. Seek immediate medical attention.

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

**Eye Contact:** Immediately hold eyelids open and flood with clean cold water for at least 20 minutes. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.

**Ingestion:** Do NOT induce vomiting. Immediately wash out mouth with water and then give plenty of water to drink. Seek immediate medical attention.

**Notes to Doctor:** Treat symptomatically as for strongly alkaline corrosive material.

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

## 5. FIRE FIGHTING MEASURES

**Specific Hazards:** Not combustible. Reaction with metals will produce flammable hydrogen gas which may ignite.

**Fire fighting advice:** Wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion. Remove containers not involved in the fire from the vicinity.

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

**Hazchem Code:** 2X

**Flammability:** Not flammable.

## 6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Slippery when spilt. Clear area of all unprotected personnel. Contain using sand and soil. Prevent run off into drains and waterways. Use absorbent (soil or sand, inert material, vermiculite). Collect and seal in properly labelled containers for disposal. Heat may be evolved on contact with water. If contamination of sewers or waterways has occurred advise the local emergency services. Refer to State Land and waste authority for disposal. Sea water may be used as a decontaminant for soil heavily contaminated with this product.

## 7. HANDLING AND STORAGE

**Handling advice:** Wear appropriate protective equipment to prevent inhalation, skin, and eye contact. Always wash hands before eating, drinking, smoking or using the toilet.

**Storage advice:** Keep containers closed at all times. Store away from acids and ammonium salts. Do not store in aluminium or galvanised containers or use diecast zinc or aluminium bungs. Steel bungs must be used. Check regularly for spills and leaks.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Occupational Exposure Limits:** Threshold Limit Value – Time Weighted Average for sodium hydroxide is 2 mg/m<sup>3</sup>.

**Engineering Controls:** Natural ventilation must be sufficient. Where vapours are generated, the use of a local ventilation system is recommended.

**Personal Protection Equipment:** The use of faceshield, chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.

Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves – Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.

The use of plastic apron, sleeves, overalls, and rubber boots is recommended. Always wash hands before eating, drinking, smoking, or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear thin liquid.

**Boiling Point:** >100°C

**Melting Point:** Not Known.

**Flash Point:** Non Flammable.

**Vapour Pressure:** 1.5 mm Hg @ 20°C

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

**Flammability Limits:** Non Flammable.

**Specific Gravity:** 1.33

**pH:** > 13

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

**Corrosiveness:** Corrosive to human tissue and some non-ferrous metals.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal circumstances.

## 11. TOXICOLOGICAL INFORMATION

Oral lowest dose (Rabbit): 1500 mg/kg.

### Acute Health Effects:

**Ingested:** Will cause severe irritation and chemicals burns to the gastrointestinal tract. Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, swelling of the larynx leading to suffocation, perforation of the gastrointestinal tract, cardiovascular collapse and coma.

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

**Skin:** Will cause severe irritation and chemical burns, which will result in itching, redness, swelling, and tissue destruction.

**Inhaled:** Inhalation of mists will result in respiratory irritation and harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema. Inhalation of mists at elevated temperatures will increase the severity of the symptoms.

**Chronic:** Chronic effects are unlikely due to the severity of the acute effects.

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## 12. ECOLOGICAL INFORMATION

Avoid contaminating the environment with concentrated material. Avoid disposal to natural waterways with concentrated non-neutralised solutions.

## 13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

## 14. TRANSPORT INFORMATION

**UN Number:** 3266

**Proper Shipping Name:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (contains sodium hydroxide).

**Dangerous Goods Class:** 8

**Subsidiary risk:** N/A

**Packing Group:** II

**Hazchem Code:** 2X

**Road and Rail Transport:** Classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code for transport by road and rail (ADG Code).



## 15. REGULATORY INFORMATION

**Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.**

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**Hazard Statement(s):**

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**Poison Schedule:** 5

## 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.

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