SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **ALUMABRITE**
Synonyms: Aluminium and Stainless Steel Brightener

Use: Acidic detergent used for brightening and cleaning aluminium.

Manufacturer: Advance Chemicals
ABN: 61 005 625 025
Street Address: 4 – 8 Malton Court Altona, 3018
Telephone Number: (03) 9398 4444

Distributor: Axi- Kem Pty Ltd
ABN: 71 002 968 345
Street Address: 54 Yambil Street GRIFFITH NSW 2680
Telephone Number: (02) 6962 6455

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 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

Classification of the substance or mixture:
Skin Irritation – category 2A
Eye Irritation – Category 2A

SIGNAL WORD: WARNING



Hazard Statement(s):
H315 – Causes skin irritation
H319 – Causes serious eye irritation

Precautionary Statement(s):

Prevention:
P102 Keep out of reach of children.
P103 Read label before use.
P104 Read Safety Data Sheet before use.
P260 – Do not breathe mist/vapour/spray
P264 – Wash hands thoroughly after handling

P264 – Wash hands thoroughly after handling
P280 - Wear protective gloves/eye protection/ face protection.

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.
P310 – Immediately call a POISON CENTRE (131126) 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	
Fluoroboric acid	16872-11-0	Less than 10%	
Sulphuric Acid	7664-93-9	Less than 10%	H315;H319

4. FIRST AID MEASURES

Inhalation: Remove victim from exposure- avoid becoming a casualty. Remove contaminated clothing and lossen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. SEEK MEDICAL ADVICE.

Skin Contact: Remove contaminated clothing and wash skin thoroughly with soap and water. See a doctor if skin irritation occurs.

Eye Contact: Immediately hold open eyes and flood with clean cold water for at least 15 minutes. Seek medical attention.

Ingestion: Immediately rinse mouth with water. Do NOT induce vomiting. Give plenty of water. Repeat if vomiting occurs. If patient is not conscious do NOT give anything by mouth. Seek medical attention. Contact a doctor or Poisons Information Centre on 131126.

Notes to Doctor: Treat symptomatically as for strong acid.

5. FIRE FIGHTING MEASURES

Specific Hazards: Non flammable or combustible. If involved in fire will emit toxic fumes.
Fire- fighting advice: Wear full protective clothing wth breathing apparatus and gloves if risk of exposure to vapour or products of combustion.

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

Hazchem Code: 2XE

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. Do not mix with substances that contain chlorine.

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 dangerous when wet substances (Class 4.3), oxidising substances (Class 5), cyanides (Class 6), alkalies, foodstuffs or foodstuff empties.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits:

	TWA		STEL	
	ppm	mg/m^3	ppm	mg/m^3
Sulphuric Acid	-	1	-	3

Engineering Controls: Use only in well ventilated areas. Fan extraction should be installed to maintain vapour levels below ceiling limit. Wash hands before eating, smoking or using the toilet.

Personal Protection Equipment: Wear protective clothing and faceshield. Wear elbow length impervious gloves such as laminate film by barrier, splash apron and rubber boots. Wash thoroughly immediately after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless to yellow liquid with pungent odour
Boiling Point: > 100°C
Melting Point: > 0°C
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 (Concentrate): <1
Solubility in water: Soluble
Corrosiveness: Low

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:

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

Eye: Corrosive. Prolonged contamination of eyes can result in permanent injury

Skin: Corrosive. Causes burns to the skin.

Inhaled: Spray mist is irritant to nose and throat.

Chronic: Prolonged contact with dilute substance 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: None Allocated

Proper Shipping Name: ALUMABRITE

Dangerous Goods Class: N/A

Subsidiary risk: N/A

Packing Group: N/A

Hazchem Code: N/A

Road and Rail Transport: Not classified as a Dangerous substance for the purpose of transport by road and rail.

15. REGULATORY INFORMATION

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Poisons Schedule: 6

16. OTHER INFORMATION

This M.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 Material Safety Data Sheet is as accurate and up-to-date as possible. Since AXI KEM 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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