

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ALGAECIDE LB346

Synonyms: Corrosive liquid alkaline

Use: Helps control algae in pools. Suitable for winterising treatment

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 3rd Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

Classification of the substance or mixture:

Acute Toxicity - ORAL – category 4 (H302)

Acute Toxicity – DERMAL – category 4 (H312)

Skin Corrosion – category 1B (H314)

Hazardous to the aquatic environment (acute) – category 1 (H400)

SIGNAL WORD: DANGER



Hazard Statement(s):

H312 – Harmful in contact with skin

H302 – Harmful if swallowed

H314 – Causes severe skin burns and eye damage

H400 – Very toxic to aquatic life

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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.
 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.

Response:

P301 +P312 + P330 + P331– IF SWALLOWED: Rinse mouth. Call a POISON CENTRE or doctor/physician if you feel unwell. Do NOT induce vomiting.
 P303 + P303 + P361 + P353 – IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P363 – Wasg contaminated clothing before reuse.
 P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and safe to do. Continue rinsing.

Storage:

P405 – Store locked up.

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	
Quaternary ammonium compound	63449-41-2	10 – 30%	H312, H302, H314, H400
Dye	-	Less than 10%	
Water	7732-18-5	60 - 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 fully recovered.

Skin Contact: Remove contaminated clothing and wash skin with water.

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Eye Contact: Hold eyes open and flood with water for at least 15 minutes. Get medical attention.

Ingestion: If swallowed do NOT induce vomiting. Give a glass of water. Get medical attention.

Notes to Doctor: Alkaline detergent. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Not flammable or combustible

Fire-fighting advice: Wear full protective clothing to prevent skin and eye contact.

Suitable Extinguishing Media: All extinguishing agents can be used (water, dry chemical, carbon dioxide, foam and sand).

Hazchem Code: 2X

Flammability: Non flammable

6. ACCIDENTAL RELEASE MEASURES

Minor spills should be contained and mopped up quickly to prevent an accident. For large spills, contain using sand or soil. Absorb using sand, soil, vermiculite or some other inert material. Collect and seal in properly labelled containers for disposal. Refer to State Land Waste Authority for disposal.

7. HANDLING AND STORAGE

Handling advice: Wear suitable protective clothing, gloves and eye face protection when handling this product.

Storage advice: Store away from dangerous goods.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: None assigned

Engineering Controls: No special ventilation or engineering controls are required under normal use conditions

Personal Protection Equipment: The use of gloves and safety glasses is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thin, blue liquid with faint amine 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: 1.01

pH (1% dispersion): 8.2

Solubility in water: Soluble in all proportions

Corrosiveness: May corrode mild steel, copper, aluminium and zinc fittings. Incompatible with anionic surfactants, certain inorganic silicates and nitric acid.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this material safety data sheet and label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

Acute Health Effects:

Ingested: Irritating and nauseating. Undiluted product may cause burns to mouth, throat and gastro-intestinal tract.

Eye: Strong irritant to the eyes.

Skin: Prolonged or repeated contact with undiluted product may cause irritation to skin. Prolonged contact with diluted solutions may result in irritation by defatting of the skin.

Inhaled: Inhalation of mist or aerosol may cause irritation to the nose or throat.

Chronic: May irritate skin on prolonged or repeated exposure to dilute solutions. The use of gloves is strongly recommended.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

14. TRANSPORT INFORMATION

UN Number: 1760

Proper Shipping Name: CORROSIVE LIQUID, N.O.S

Dangerous Goods Class: 8

Subsidiary risk: Not applicable

Packing Group: III

Hazchem Code: 2X

Road and Rail Transport: Classified as Class 8 (Corrosive Liquid) Dangerous Good by the Criteria of the Australian Dangerous Good code for transport by road and rail.



15. REGULATORY INFORMATION

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SIGNAL WORD: DANGER



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 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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