



Safety Data Sheet

24TH AUGUST 2016

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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|---|---|
| Product Name: | HY-CLOR LONGLIFE ALGAECIDE |
| Shipping Name: | Algaecide Solution |
| Product Code: | HYCALG01 – 1L, HYCLLALG025 – 2.5L |
| UN Number: | Not allocated |
| Other Names: | Pool Algaecide |
| Recommended Use of the Chemical and Restrictions on Use: | Control Algae growth in Swimming pools |
| Chemical Formula: | N/A |
| Supplier: | HY-CLOR AUSTRALIA PTY LTD |
| Street Address: | 178 Power Street Glendenning NSW 2761 |
| Telephone Number: | 02 8805 2400 |
| After Hours Contact: | 0404 859 515 |
| Facsimile: | 02 8805 2401 |
| Email Contact: | help@hyclor.com.au |
| Emergency Telephone: | 13 11 26 (Australia Poisons Information Centre) New Zealand 0800 764 766 |

2. HAZARDS IDENTIFICATION

This product is classified **not dangerous** according to Australian Dangerous Goods Code (ADG).

This product is classified as harmful, irritating, Dangerous to the environment.

Poison Schedule: S5

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

Signal Word: **Warning**

Hazard Statement:

- H302:** Harmful if swallowed
- H315:** Causes skin irritation
- H320:** Causes Eye Irritation
- H335:** May cause respiratory irritation
- H402:** Harmful to Aquatic Life

Prevention:

- P102:** Keep out of reach of Children
- P233:** Keep container closed
- P262:** Do not get in eyes, on skin, or on clothing
- P264:** Wash contacted areas thoroughly after handling
- P270:** Do not eat, drink or smoke when using this product
- P271:** Use only outdoors or in a well ventilated area
- P273:** Avoid release to the environment
- P280:** Wear Protective Gloves, protective clothing and eye or face protection

Product Name: Hy-Clor Longlife Algaecide

Last Review July 11 2013



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Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P301+ P312: IF SWALLOWED: Call poison centre, or doctor 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.

P370+P378: In case of fire, use extinguishing media suited to burning materials

Storage:

P410: Protect from sunlight

P402+P404: Store in Dry place. Store in Closed Container

P403+P235: Store in Well-ventilated place.

Disposal:

P501: If product can't be recycled, consider controlled incineration or contact a specialist waste disposal company.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | CAS | Proportion |
|------------------------------|-----------|------------|
| Copper Sulphate Pentahydrate | 7758-99-7 | 4% |
| Inert Ingredients | | Balance |

4. FIRST AID MEASURES

General: You should call The Poisons Information Centre if you feel that you may have been Poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you Call.

Inhalation: If inhalation occurs, contact a Poisons Information Centre, or call a doctor. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial.

Eye: Immediately flush the contaminated eye(s) with gently flowing water for 20 minutes whilst holding the eye open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.

Skin: Under running water, remove contaminated clothing, shoes and leather goods. Wash all clothing before re use. If irritation persists, repeat flushing and obtain medical advice.

Ingestions: If swallowed, do not induce vomiting. Wash mouth and contact poison centre or doctor.

5. FIRE FIGHTING MEASURES

Extinguishers: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Use extinguishing media suitable for surrounding fire conditions.

Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA) and protective clothing.

Hazardous Decomposition Products: Not combustible and does not burn.



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6. ACCIDENTAL RELEASE MEASURES

Spills: For minor spills, clean up using absorbent materials such as sand, and put empty container in garbage. It is good practice to wear impermeable gloves and eye protection when handling chemical products.

In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact. Wear appropriate protective equipment and clothing. Use in a well ventilated area. Avoid spillage onto floor. Keep containers closed when not in use. Maintain personal hygiene by washing hands prior to eating, drinking, smoking or using toilet.

Storage: Store in a cool, dry, well ventilated area, out of direct sunlight. Store in suitable, labelled containers. Inspect periodically for deficiencies such as damage or leaks. Store away from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: No ingredients in this product have exposure standards according to Safe Work Australia.

Engineering Measures: No special ventilation requirements are normally necessary for this product. However, makes sure that the work environment remains clean and that vapours and mists are minimised.

Clothing: Suitable protective clothing should be worn e.g. cotton overalls and safety shoes.

Skin Protection: Impervious PVC or rubber gloves should be worn.

Eye Protection: Safety glasses with side shields or goggles should be worn.

Respiratory Protection: If vapour exists, wear respirator meeting the requirements of AS/NZS 1716. Wear related PPE as relevant AS.

Personal Hygiene: Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------|-----------------------------|
| Appearance | Blue Liquid with Mild Odour |
| Boiling Point | Approximately 101 Degrees C |
| Freezing/Melting Point | Approximately 0 Degrees C |
| Vapour Pressure | 2.37 kPa at 20 Degrees C |
| Specific Gravity | 1.123g/ml at 20 Degrees C |
| Flash Point | N/A |
| Upper Flammability Limit | N/A |
| Lower Flammability Limit | N/A |
| Solubility in Water | Appreciable |
| pH | 1.2 (10% solution) |



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10. STABILITY AND REACTIVITY

Chemical Stability: This chemical is thermally stable when stored and used as directed.

Conditions to Avoid: Store in cool dry place preferably below 30 degrees C. Keep containers tightly closed. Keep in well-ventilated areas.

Incompatible Material: Acids, oxidising agents, zinc, tin, aluminium and their alloys, galvanized metals, gold, silver and alloys of these metals.

Hazardous Decomposition Products: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas. Oxides of sulphur and other sulphur compounds.

11. TOXICOLOGICAL INFORMATION

Potential health effect(s)

Swallowed: Metallic taste in mouth. Burning sensation in throat and vomiting are typical effects. More severe poisoning causes irritation in digestive tract with abdominal pain, nausea, Vomiting, ulceration and diarrhoea.

Skin: Contact with skin may result in irritation.

Eye: May cause eye irritation and inflammation.

Inhaled: May cause irritation of the nose and upper airways.

Long Term Effect: No data for health effects associated with long term exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity: This product is harmful to aquatic organisms. This product does not degrade naturally

13. DISPOSAL CONSIDERATIONS

Disposal Methods and Containers Dispose of according to relevant local, state and federal government regulations.

Special Precautions for Landfill Contact a specialist disposal company for landfill.

14. TRANSPORT INFORMATION

ADG Code: This product is not classified as a Dangerous Good by ADG criteria. No special transport conditions.

15. REGULATORY INFORMATION

Poisons Schedule (Aust): S5



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16. OTHER INFORMATION

Contact: Any advice, recommendation, information, assistance, or service provided by Hy-Chlor Australia in relation to the goods supplied by it or their use or application is given in good faith and believed to be appropriate and reliable. However, this information is given without warranty or representation. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products.

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