

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Name:** POOL DROPS LIQUID ALGICIDE PLUS 6% 1.0L  
**Other Names:** POOL BLOCKS  
**Physical Description:** Liquid, Deep Blue in Colour.  
**Uses:** Liquid algicide used to treat swimming pools for all algae types including Blackspot.  
**Manufacturer:** ALGAEFREE AUSTRALIA.  
 2 / 24 Cohn Street, CARLISLE 6101 Western Australia.  
 Tel +61 8 9472 4000 Fax +61 8 9472 0000  
**Canadian Agent:** SELECT POOL PRODUCTS. [www.selectpoolproducts.ca](http://www.selectpoolproducts.ca)  
 3345 North Service Road , #104A Burlington, ON L7N 3G2.  
 Tel: 905.331.0889 Tel/Fax: 1.855.881.0889 Fax: 905.335.5840  
**Emergency Contact :** Contact a Doctor or any Poisons Information Centre in Canada or call 911.

## 2. HAZARDS IDENTIFICATION

**TDG CODE:** Not Classified. (*Transportation of Dangerous Goods Regulations Amend SOR/2016-95*)  
**IMDG CODE:** Non Dangerous Good (*IMDG 2016 Edition Amendment 38-16*)  
**WHIMS:** Exempt (*WHIMS 2015*)  
**PCP Act:** Reg. No. 29872 P.C.P. ACT  
**GHS:** Classified as Hazardous - Acute Toxicity(Oral) Cat.4, Skin Corrosion/Irritation Cat.2, Eye Corrosion/Irritation Cat. 2  
**GHS Signal Word:** WARNING  
**Hazard Statement:** H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
**Prevention:** P102 Keep out of reach of children.  
 P264 Wash contacted areas thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P281 Use personal protective equipment as required.  
**Response:** P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
 P330 Rinse mouth.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing,  
 P332+P313 If skin irritation occurs: Get medical attention/advice.  
 P337+P313 If eye irritation persists: Get medical attention/advice.  
 P362 Take off contaminated clothing and wash before reuse.  
**Disposal:** P501 Dispose of container in accordance with local government regulations.

## 3. COMPOSITION & INFORMATION ON INGREDIENTS

**A Mixture with Active Constituent:** 60g/L copper (Cu) present as Cupric Sulphate Pentahydrate.

Ingredient	Proportions %	CAS No.
Copper Sulphate Pentahydrate	25%	7758-98-7
Organic Amine Compounds	25 – 40%	Proprietary
Non Hazardous Ingredients	<50%	Non Hazardous

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### 4. FIRST AID MEASURES

#### First Aid Measures by Routes of Exposure.

**General:** If poisoning occurs, contact a doctor or Poisons Information Centre in Canada or call 911.

**Advice to Doctor:** Treat symptomatically.

**Swallowed :** If swallowed, and if more than 15 minutes from a hospital, induce vomiting preferably using Ipecac Syrup APF. Seek urgent medical attention. Ingestion is considered unlikely and can result in a burning sensation to the mouth, throat and oesophagus, vomiting and nausea.

**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. Remove contact lenses, if present and easy to do. Continue rinsing, Can cause inflammation. If eye irritation persists get medical attention/advice.

**Skin:** If skin contact occurs, remove contaminated clothing, shoes, leather bands, belts etc. and wash skin thoroughly using non-abrasive soaps. Wash hands after use. Can irritate if contact is prolonged. If skin irritation occurs get medical attention/advice.

**Inhaled:** Not considered relevant as no airborne concentrations of dust, fumes or vapour are associated with this product in normal use or storage. May cause mild discomfort.

**First Aid Facilities:** If practicable an eye wash station and skin barrier creams.

### 5. FIRE FIGHTING MEASURES

**Flammability:** Non-flammable. No fire or explosion hazard exists. Will evolve toxic sulphur oxide vapours when heated to decomposition. Very soluble in water.

**Extinguishing Media:** Use an extinguishing agent appropriate for the surrounding fire.

**Exposure Hazards:** No specific hazards.

**Protective Equipment:** Fire-fighters should wear full protective gear including self contained breathing apparatus when fighting chemical fires. Any water run off should be minimised and contained.

**Hazchem Code:** Not Applicable.

### 6. ACCIDENTAL RELEASE MEASURES

Product is a liquid, the ground might become slippery. Irritating vapours might occur in a poorly ventilated area. Avoid indirect contact with eyes, skin and vapours from handling by using appropriate PPE. Contain, bund or absorb spill with an inert material such as sand or vermiculite, or sweep up large quantities with a broom into containers. Avoid release to drains and waterways. If product does enter waterway, advise the local environmental or emergency service. Dispose in accordance with environmental regulations. Wash hands thoroughly with soap and water if contact occurs.

### 7. HANDLING & STORAGE

**Handling:** Avoid contact with eyes & skin and use appropriate PPE for skin and eyes. Wash hands after use. Dispose of container by wrapping in paper, placing in a plastic bag and placing in a garbage bin. Not to be used as a food container. Protect from physical damage. Always use safe handling chemical procedures.

**Storage:** Store in the closed original container in a cool dry place out of reach of children. Store away from incompatible materials as listed in section 10. Do not store in direct sunlight.

### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

No exposure standard has been established for this product. No airborne concentrations of dust, fumes or vapour are associated with this product in normal use or storage.

However we can consider the exposure standard for **Copper Dusts and mists (as Cu): 8hr TWA = 1mg/m3 (fume)**. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. These exposure standards are guides and are not a measure of relative toxicity. CONTINUED OVER PAGE...

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- Engineering Controls:** Local exhaust acceptable with special exhaust not required.  
**Ventilation :** General room ventilation is normally adequate.  
**Eye Protection :** Use chemical safety glasses, goggles or a face shield when using this product.  
**Skin Protection :** Wear rubber or PVC gloves and protective clothing. Discard or wash clothing that has been contaminated with product concentrate.  
**Personal Respirators :** Not normally necessary when using this product.

### 9. PHYSICAL & CHEMICAL PROPERTIES

- Appearance:** Deep Blue Liquid  
**Odour:** Slight  
**Chemical Type:** Mixture  
**Specific Gravity:** 1.24 g/ml @ 20 C  
**pH :** 8.7 approx  
**Boiling Point:** 100 C (water)  
**Melting Point:** 0 C (water)  
**Solubility:** Soluble  
**Flammability:** Not Flammable

### 10. STABILITY & REACTIITY

- Stability & Reactivity :** Stable  
**Incompatibility :** Incompatible with strong acids. Exhibits a low corrosion potential with only minor galvanic and alkaline susceptibility to metals in direct contact.  
**Hazardous Decomposition Products:** Hazardous polymerization will not occur.

### 11. TOXICOLOGICAL INFORMATION

No specific data available for this product mixture.

We can consider Toxicological information for Copper Sulphate Pentahydrate CAS No. 7758-98-7:

Test	Result	Root	Species
LD50	300mg/Kg	Oral	Rat
LD50	< 2000mg/Kg	Dermal	Rat

- Acute Effects:** Eye; irritating to eyes. Skin; moderately irritating. Capable of causing skin reactions which may lead to dermatitis. Inhalation; dust may be discomforting to the upper respiratory tract. Ingestion; maybe harmful if swallowed.  
**Carcinogenicity :** Not listed as a carcinogen  
**Teratogenicity and Embryotoxicity :** There are no reports of this condition in humans.  
**Toxicological Synergistic Materials :** No Information available  
**Mutagen city :** No human data available.  
**Potential for Accumulation :** Copper is an essential element and its level in the body is strictly controlled. Under most conditions , excess copper is excreted in the urine and faeces (via the bile).

### 12. ECOLOGICAL INFORMATION

Harmful to aquatic organisms,  
May cause long-term adverse effects in the aquatic environment. Copper accumulates in soils. The fate of copper in water is dependent on a number of variables, but particularly pH. Copper is an essential nutrient in all organisms.

### 13. DISPOSAL CONSIDERATIONS

Recycle whenever possible or consult manufacturer for recycling options. Dispose of in accordance with all local, state & federal environment and waste disposal requirements or legislation. Refer to product label.

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### 14. TRANSPORT CONSIDERATIONS

<b>Road &amp; Rail:</b>	Non Dangerous Goods - Exempt from the packing group criteria in 2.28 for UN3010 as per 2.31 in the Consolidated Transportation of Dangerous Goods Regulations Amend SOR/2016-95.
<b>Sea:</b>	Non Dangerous Goods - Exempt from the packing group criteria in 2.6.2 for UN3010 as per 2.6.2.3.2 and exempt from 2.10 subject to 2.10.2.2 and 2.10.2.7 in containers less than 5kg as per the International Marine Dangerous Goods Code 2016 Edition Amendment 38-16.
<b>Hazchem:</b>	Not Applicable.

### 15. REGULATORY INFORMATION

<b>PMRA:</b>	Product is approved and regulated by the PMRA. Approval numbers are Reg. No. 29872 P.C.P. ACT the 1.0L pack sizes. This product has been classified by the PMRA according to the PCPA .
<b>Legislation:</b>	This SDS has been prepared according to WHIMS 2015 .

### 16. OTHER INFORMATION

<b>Disclaimer:</b>	<p>This Safety Data Sheet has been developed from the guidelines of WHIMS2015, TDG, IMDG and the GHS Globally Harmonized System of Classification and Labelling of Chemicals Rev.3 2009. The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof. The purpose of this Material Safety Data Sheet is to describe product in terms of their safety requirements.</p> <p>The information is supplied upon the condition that the persons/companies receiving same will make their own determination as to its suitability for their purposes prior to use of the product. The physical data shown herein are typical values based on material tested.</p> <p>These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.</p> <p>Due care should be taken to make sure that the use or disposal of this product and/or its packaging is in compliance with the relevant Federal, State and Local Government regulations.</p>
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This SDS contains primarily safety information.

Additional Information can be obtained by visiting our website [www.algaefreeaustralia.com](http://www.algaefreeaustralia.com)

#### Acronyms:

CAS No.	Chemical Abstracts Service Registry Number
GHS	Globally Harmonized System of Classification and Labelling of Chemicals Rev.3 2009
IMDG	International Marine Dangerous Goods Code 2016 Edition, Amendment 38-16.
PMRA	Pest Management Regulatory Agency (Health Canada)
PPE	Personal Protective Equipment
TDG	Consolidated Transportation of Dangerous Goods Regulations Amend SOR/2016-95.
UN	United Nations Number
WHIMS	Workplace Hazardous Materials Information System 2015

END OF SDS