

# SAFETY DATA SHEET

[AQUASONIC Pty. Ltd.](http://aquasonic.com.au)

[aquasonic.com.au](http://aquasonic.com.au)

## ALGICIDE

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product name</b>	ALGICIDE
<b>Product use</b>	Ornamental aquariums and aquaculture eg. Used for control and eradication of algae and fungal growths in ornamental aquariums
<b>Supplier details</b>	Aquasonic Pty Ltd (ABN 70 001 427 256) 14 Commerce Street Wauchope NSW 2446 Australia Tel: +61 2 6586 4933 Fax: +61 2 6586 4944
<b>Emergency contact</b>	Poisons Information Centre Tel: 1800 039 008
<b>Product size</b>	100ml, 250ml, 1L
<b>Product code</b>	FW025, FW045, FW065

### 2. HAZARDS IDENTIFICATION

Hazard Classification (GHS)	Acute toxicity, Oral (Category 4) Serious eye damage/eye irritation (Category 2A) Carcinogenic (Category 2) Acute aquatic toxicity (Category 1)
-----------------------------	--

Symbol (GHS)



Signal word

Warning

Warning

Warning

#### Hazard statements

H302	Harmful if swallowed
H319	Causes serious eye irritation
H351	Suspected of causing cancer
H410	Very toxic to aquatic life with long lasting effects

#### Precautionary statements

P273	Avoid release to the environment
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Product Name:** ALGICIDE

**Prepared:** 05/06/19

**Approved:** 05/06/19

**Rev:** 00-19

# SAFETY DATA SHEET

---

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical composition

Simazine | CAS #: 122-34-9 | WT: proprietary concentration

Polydimethylsiloxane | CAS #: 63148-62-9 | WT: proprietary concentration

Purified Water | CAS #: 7732-18-5 | WT: proprietary concentration

---

## 4. FIRST-AID MEASURES

<b>Swallowed</b>	Rinse mouth with water. Induce vomiting using Ipecac liquid extract. Never give anything by mouth to an unconscious person. Seek medical attention
<b>Eye</b>	Immediately flush eyes with plenty of water for 15 minutes, holding eyelids open. In all cases of eye contamination, it is a sensible precaution to seek medical advice
<b>Skin</b>	Removed contaminated clothing. Wash affected area with plenty of soap and water for at least 15 minutes. Seek medical attention. Wash clothing before reuse
<b>Inhaled</b>	Remove victim from exposure to fresh air. If not breathing, apply CPR. If breathing is difficult, give oxygen. Seek medical attention

---

## 5. FIRE-FIGHTING MEASURES

<b>Flammability</b>	Non combustible
<b>Extinguishing media</b>	Use appropriate extinguishing media for surrounding fire
<b>Decomposition products</b>	In case of fire may produce toxic fumes of carbon dioxide and carbon monoxide
<b>Flash point</b>	No data available
<b>Explosion limits</b>	<b>L.E.L.</b> No data available <b>U.E.L.</b> No data available
<b>Personal protective</b>	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and <b>equipment</b> protective firefighting clothing (including helmets, boots and gloves). Clear fire area of all non-emergency personnel. Eliminate ignition source. Move fire exposed containers from fire area if it can be done without risk. Do not allow firefighting water to reach waterways, drains or sewers. Store firefighting water for treatment

---

## 6. ACCIDENTAL RELEASE MEASURES

<b>General response procedure</b>	Keep unnecessary people away from spill. Personnel involved in clean up should wear full protective clothing as outlined in section 8. Eliminate sources of ignition. Stop leak/spillage if safe to do so. Small spills may be flushed to drains/sewers. Isolate area if large spill by sand bagging around edges and covering with plastic sheeting
<b>Clean up procedure</b>	Contain and sweep/shovel up spills with adsorbent material. Transfer waste to a suitable, labelled chemical waste container and

---

**Product Name:** ALGICIDE

**Prepared:** 05/06/19

**Approved:** 05/06/19

**Rev:** 00-19

# SAFETY DATA SHEET

dispose of promptly as hazardous waste. Small spills may be flushed to drains or sewers

---

## 7. HANDLING AND STORAGE

<b>Handling</b>	Observe personal hygiene practices. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not inhale vapours. Use in well-ventilated area
<b>Storage</b>	Store in original packaging in a cool, dry area. Keep containers tightly closed when not in use. Protect from physical damage. Store away from incompatible materials as listed in section 8. Do not allow product to come into contact with acids or water. Do not store with acids. Keep at room temperature

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>General</b>	No data available
<b>Exposure limits</b>	No data available
<b>Biological limits</b>	No data available
<b>Engineering measures</b>	Prevention of spillage into the work environment is recommended
<b>Personal protective equipment</b>	EYES: Safety glasses with side shields, chemical goggles or face shield HANDS: Wear impervious gloves (Nitrile rubber recommended) CLOTHING: Long-sleeved impervious protective clothing advised
<b>Work hygienic practices</b>	Observe personal hygiene and personal protection practices. Wash hands thoroughly after handling product. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Wash contaminated clothing before storage, or before reusing.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance/ Colour</b>	Aqueous , light blue, translucent	<b>Specific gravity</b>	>1.000g/mL
<b>Odour</b>	Distinct characteristic odour	<b>Flash point</b>	Not Relevant
<b>pH</b>	5-6.5	<b>Auto ignition temperature</b>	No data available
<b>Relative vapour density</b>	No data available	<b>Evaporation rate</b>	No data available
<b>Boiling point</b>	~100°C	<b>Decomposition temperature</b>	No data available
<b>Melting point</b>	No data available	<b>Density</b>	No data available
<b>Freezing point</b>	~0°C	<b>Specific heat</b>	No data available
<b>Solubility</b>	Miscible in water	<b>Octanol water coefficient</b>	No data available
		<b>Potential for dust explosion</b>	No data available

---

## 10. STABILITY AND REACTIVITY

<b>Chemical stability</b>	Stable under normal conditions of use, storage and temperature
<b>Conditions to avoid</b>	Avoid storage with acidic/basic materials and ignition sources

# SAFETY DATA SHEET

<b>Materials to avoid</b>	Avoid acidic/basic materials. Also incompatible with active metals (eg. aluminium)
<b>Hazardous decomposition products</b>	May produce toxic fumes of carbon dioxide and carbon monoxide
<b>Hazardous polymerisation</b>	Does not occur

---

## 11. TOXICOLOGICAL INFORMATION

<b>General</b>	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated	<b>Eye</b>	No data available
<b>Inhaled</b>	No data available	<b>Chronic</b>	No data available
<b>Ingestion</b>	No data available	<b>Acute toxicity</b>	No data available
<b>Skin contact</b>	No data available	<b>Carcinogen category</b>	No data available
		<b>Mutagenicity</b>	No data available

---

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data available
Persistence/degradability	No data available
<b>Mobility</b>	No data available
Environmental fate	No data available
<b>Bioaccumulation potential</b>	None to be expected (Log P (o/w) <1)
Environmental impact	No data available

---

## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in accordance with local, state and federal regulations. All empty packaging should be disposed of in accordance with local, state and federal regulations
<b>Special precautions for land fill</b>	Contact a specialist disposal company, or the local waste regulator for advice

---

## 14. TRANSPORT INFORMATION

<b>Marine pollutant</b>	No
<b>HAZCHEM</b>	Not applicable
<b>Land transport</b>	Not regulated for transport of dangerous goods
<b>Air transport</b>	Not regulated for transport of dangerous goods
<b>Sea transport</b>	Not regulated for transport of dangerous goods
<b>Proper shipping name</b>	Aquasonic Algicide
<b>U.N number</b>	Not classified
<b>Dangerous goods class</b>	Not regulated for transport of dangerous goods

---

**Product Name:** ALGICIDE  
**Rev:** 00-19

**Prepared:** 05/06/19

**Approved:** 05/06/19

# SAFETY DATA SHEET

<b>Packaging method code</b>	No data available
<b>Packing group number</b>	III
<b>IERG number</b>	No data available
<b>Special precautions for user</b>	Refer sections 7 and 8

---

## 15. REGULATORY INFORMATION

<b>Australia inventory (AICS)</b>	Listed
<b>ADG</b>	Not regulated for transport of dangerous goods

---

## 16. OTHER INFORMATION

### Key/Legend

<	Less than	L	Litre of liquid
>	Greater than	<b>LC50</b>	Lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% of a group of test animals
<b>ADG</b>	Australian Code for the Transport of Dangerous Goods by Road & Rail	<b>LD50</b>	Lethal dose. LD50 is the amount of material, given all at once, which causes the death of 50% of a group of test animals
<b>AISC</b>	Australian Inventory of Chemical Substances	<b>L.E.L</b>	Lower explosion limit
<b>g</b>	Gram	<b>mg/L</b>	Milligram per litre of liquid
<b>g/L</b>	Grams per litre	<b>TWA</b>	Time weighted average
<b>H<sub>2</sub>O</b>	Chemical formula for water	<b>U.E.L.</b>	Upper explosion Limit
<b>Kg</b>	Kilogram		

### Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate at the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for that stated, without seeking prior advice from Aquasonic Pty. Ltd. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Aquasonic Pty. Ltd. shall not be deemed responsible for any damage or injury resulting from use, other than the stated use of the product, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the product. Purchasers of the product for supply to a third party for use, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken. You can contact Aquasonic Pty. Ltd. to ensure that this document is the most current available. Alteration of this document is strictly prohibited.