

# Material Safety Data Sheet

Issue date: September 2009

Hazardous according to criteria of Worksafe Australia

## AQUASONIC VERTONEX

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### COMPANY DETAILS:

Aquasonic Pty Ltd  
14 Commerce Street  
WAUCHOPE NSW 2446

#### Contact Details in case of emergency

Australian Poison Information Centre (in any state) 131126

#### Company Contact for information regarding Aquasonic Vertonex

Phone : +61 2 65864933

Fax: +61 2 65864944

Aquaculture Enquiries Email: [aquaculture@aquasonic.com.au](mailto:aquaculture@aquasonic.com.au)

Aquarium Enquiries Email: [aquarium@aquasonic.com.au](mailto:aquarium@aquasonic.com.au)

#### PRODUCT DETAILS:

**Product Name:** Aquasonic Vertonex

**Use:** For the treatment of whitespot in fish where corals and invertebrates are present.

**Dangerous Goods Class:** Not applicable

**Subsidiary risk:** None allocated

**Packing Group:** III

#### **Physical Description and Properties**

<b>Appearance:</b>	Light green liquid
<b>Boiling Point/Melting Point</b>	100C/0C
<b>Vapour Pressure</b>	23hPa@20C
<b>Specific Gravity</b>	1 mL = 1.01g
<b>Solubility in water</b>	Soluble in all proportions
<b>Flash Point/Flammability Limits</b>	Not determined

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains the following ingredients in aqueous solution.

<b>Chemical Name:</b>	<b>CAS Number</b>	<b>Proportion</b>
Quinine hydrochloride	6119-47-7	1.0%w/v
Malachite green.	59-64-2	0.125%w/v

### 3. HAZARD IDENTIFICATION

Hazardous according to the criteria of Worksafe Australia

Hazard Category: hazardous

Health:	2
Flammability	0
Reactivity	0

Hazard Rating: NA = Not Applicable NE = Not Established				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4

#### ACUTE HEALTH EFFECTS

**Swallowed:** Not harmful if swallowed in small quantities. If large quantities are ingested consult a doctor or Poisons Information Centre immediately. Contact Australia 131126.

**Transport Information :** Not hazardous

### 4. FIRST AID MEASURES

Not harmful if placed on skin for short time.

**FIRST AID: SKIN:** If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists, seek medical attention.

**EYE:** If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately transport to hospital or doctor.

**First Aid Facilities:** Eye wash fountain, safety shower and normal wash room facilities.

**INGESTION:** Harmful if swallowed in large quantities.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.

**Fire/Explosion Hazards:** None known

**Fire Fighting Procedure:** Wear self- contained breathing apparatus and protective clothing as standard.

### 6. ACCIDENTAL RELEASE MEASURES

Take up with sand, dirt, vermiculite or other inert material. Flush excess down drain.

## 7. HANDLING AND STORAGE

Store in a moderately cool place. Not classified as combustible for the purpose of storage and handling. Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: None required

Mechanical:

Hand Protection: Gloves to minimize skin exposure as latex or vinyl.

Ventilation : Local:  
Exhaust Not required

Eye  
Protection: Splash goggles

Other Protective Equipment: Wear appropriate clothing to minimize skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Light green, clear, odourless liquid.
<b>Melting Point:</b>	Not applicable.
<b>Boiling Point:</b>	ca 102 °C @ 760 mm Hg
<b>Vapour Pressure:</b>	Information not available.
<b>Vapour Density:</b>	Information not available.
<b>Specific Gravity:</b>	about 1.01 g/mL
<b>Percent Volatile by Volume:</b>	> 98
<b>Flash Point:</b>	Not flammable
<b>Solubility in Water:</b>	Miscible
<b>pH:</b>	5-7

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable

**HAZARDOUS DECOMPOSITION PRODUCTS:** Could produce toxic gases if strongly heated for prolonged time.

**HAZARDOUS POLYMERIZATION:** Not known to occur.

**INCOMPATIBILITIES:** None known.

**CONDITIONS TO AVOID:** Heat and ignition sources, strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

**Toxicity data:** Not applicable

**Conditions aggravated/Target organs:** Persons with pre-existing skin, eye, or respiratory disorders may be more susceptible.

**Acute:** Not applicable.

**Chronic:** None known

**DOT Classification:** Not regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

### 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be washed to drain with copious amounts of water. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

### 14. TRANSPORT INFORMATION

**UN Number:** Not applicable  
**Proper Shipping Name:** Aquasonic Vertonex  
**Dangerous Goods Class:** Not classified  
**Subsidiary risk:** None allocated  
**Packing Group:** III  
**Hazchem Code:** Not applicable

### 15. REGULATORY INFORMATION

**Poison Schedule:** Not scheduled

### 16. OTHER INFORMATION

**Contact Point**

Aquasonic Pty Ltd  
14 Commerce Street  
Wauchope NSW 2446  
Phone: +61 2 65864933

**Disclaimer**

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

Prepared September 2009