

# SAFETY DATA SHEET

**AQUASONIC Pty. Ltd.**

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

**MAGNA CLEAR**

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

<b>Product name</b>	Magna Clear
<b>Product use</b>	Ornamental aquariums and aquaculture eg. For the sedimentation/flocculation of fine particulate matter in water supplies.
<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, 5L, 20L
<b>Product code</b>	FW022, FW042, FW062, FW082, FW102

## 2. HAZARDS IDENTIFICATION

### 2.1 Hazard Classification (GHS)

Corrosive to Metals	Category 1	Warning
Skin corrosion/irritation	Category 2	Warning
Serious eye damage/eye irritation	Category 1	Danger

### 2.2 Symbol (GHS)



**Signal word** Warning, Danger or Corrosive

### Hazard statements

H290	May be corrosive to metals
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation. Specific target organ toxicity, single exposure; Respiratory tract irritation

### Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P234	Keep only in original container.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	<b>IF ON SKIN:</b> Wash with plenty of water
P304+P340	<b>IF INHALED:</b> If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	<b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.

**2.3 Other Hazards** None

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical composition** Aluminium Sulphate | CAS #: 10043-01-3 | WT: Proprietary concentration  
H<sub>2</sub>O | CAS#: 7732-18-5 | WT: Proprietary concentration  
Blue Colourant | CAS#: 3844-45-9 & CAS# 1934-21-0 | WT: Proprietary concentration  
*This is a commercial product which exact ratio of components may vary. Trace quantities of impurities are also likely.*

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## 4. FIRST-AID MEASURES

**Swallowed** Rinse mouth with water. Give plenty of water to drink. Seek medical attention if you feel unwell.

**Eye** 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.

**Skin** Removed contaminated clothing. Wash affected area with plenty of soap and water for at least 15 minutes. Seek medical attention if irritation persists. Wash clothing before reuse.

**Inhaled** Remove victim from exposure to fresh air. If not breathing, apply CPR. If breathing is difficult, give oxygen. Seek medical attention.

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## 5. FIRE-FIGHTING MEASURES

**Flammability** Not flammable

**Extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Decomposition products** In case of fire may produce toxic fumes of carbon dioxide and carbon monoxide.

**Flash point** No data available

**Explosion limits** L.E.L. Nil U.E.L. Nil

**Advice for firefighters** Wear self-contained breathing apparatus for firefighting if necessary .

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**  
Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions** Do not let product enter drains.

**Methods and materials for containment and cleaning up**  
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

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## 7. HANDLING AND STORAGE

**Handling** Observe personal hygiene practices. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not inhale vapours. Use in well-ventilated area

**Storage** 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.  
Keep at room temperature

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Control parameters</b>	<b>Occupational Exposure Limits</b> Contains no substances with occupational exposure limits values.
<b>Exposure Controls -</b>	
<b>Appropriate engineering controls</b>	Prevention of spillage into the work environment is recommended. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.
<b>Personal protective equipment</b>	<b>EYES:</b> Safety glasses with side shields, chemical goggles or face shield <b>HANDS:</b> Wear impervious gloves (Nitrile rubber recommended), use proper glove removal techniques (without touching glove's outer surface) to avoid skin contact with this product. Dispose of gloves in accordance with good laboratory practices. Wash and dry hands. <b>CLOTHING:</b> 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 reuse

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Aqueous
<b>Colour</b>	Light blue (translucent)
<b>Odour</b>	Practically odourless
<b>pH</b>	Between 5.0-6.5 at 25°C
<b>Boiling point</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing point</b>	No data available
<b>Flammability</b>	The product is not flammable.
<b>Solubility</b>	Soluble in water
<b>Additional characteristics</b>	None

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## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable under normal conditions of use, storage and temperature
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	No data available
<b>Incompatible materials</b>	No data available
<b>Hazardous decomposition products</b>	May produce toxic fumes by heat decomposition of sulfur oxides, hydrolysis produces sulfuric acid, lung irritation in high heat fires

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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	No data available
<b>Inhaled</b>	May cause minor respiratory irritation
<b>Skin corrosion/irritation</b>	May give rise to skin irritation, localised dermatitis in individuals more susceptible
<b>Ingestion</b>	May raise alkalinity levels in body if consumed in large quantities
<b>Serious eye damage/eye irritation</b>	May cause eye irritation
<b>Respiratory or skin sensitisation</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity</b>	
- single exposure	No data available
<b>Specific target organ toxicity</b>	
- repeated exposure	No data available
<b>Aspiration hazard</b>	No data available
<b>Additional Information</b>	No data available

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## 12. ECOLOGICAL INFORMATION

<b>Toxicity</b>	Not likely even in the event of large spillage
<b>Persistence/degradability</b>	Low. Is soluble with water. May cause localised rise in alkalinity and pH levels, no long term effects are likely
<b>Bioaccumulation potential</b>	None to be expected (Log P (o/w) <1)
<b>Mobility in soil</b>	Given solubility in water, is likely mobile in waterways
<b>Environmental fate</b>	May cause localised rise in alkalinity and pH levels, no long term effects are likely
<b>Environmental impact</b>	May cause localised rise in alkalinity and pH levels, no long term effects are likely

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## 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

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## 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>	Magna Clear
<b>U.N number</b>	Not classified
<b>Dangerous goods class</b>	Not regulated for transport of dangerous goods
<b>Packaging method code</b>	No data available

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Packing group number	III
IERG number	No data available
Special precautions for user	Refer sections 7 and 8

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## 15. REGULATORY INFORMATION

### Standard for the Uniform Scheduling of Medicines and Poisons

	No data available
Australia inventory (AICS)	Listed
ADG	Not regulated for transport of dangerous goods

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## 16. OTHER INFORMATION

### Key/Legend

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

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### Notice to reader

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