

# **MATERIAL SAFETY DATA LEAFLET**

## **PRODUCT: SYNTHETIC SEA SALT – 4 PART MIX**

**STATEMENT OF HAZARDOUS NATURE:** Not hazardous according to Worksafe criteria.

**DATE OF ISSUE:** 6<sup>th</sup> May 2009

### **COMPANY DETAILS**

Company Name: Aquasonic Pty Ltd  
Address: 14 Commerce St WAUCHOPE NSW 2446  
Emergency Telephone: (02) 6586 4933  
Fax: (02) 6586 4944 Email: [accounts@aquasonic.com.au](mailto:accounts@aquasonic.com.au)

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### **IDENTIFICATION**

Trade Name: Aquasonic Synthetic Sea Salt – 4 Part Mix  
UN Number: None Allocated  
DG Class: None Allocated  
Packing Group: None Allocated  
Hazchem Group: None Allocated  
Poisons Schedule: Not Scheduled  
Product Use: For addition to water to produce seawater

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### **PHYSICAL DATA**

#### **Physical and Chemical Properties**

Appearance: White crystalline powder  
Odour: Practically Odourless  
Specific Gravity: Not Relevant  
Boiling Point: Not Relevant  
Flash Point: No Data  
Melting Point: About 800<sup>o</sup>C  
Ingredients: A mixture of sodium chloride, and other seawater salts  
Flammability: Not Flammable but at high temperatures toxic fumes could be produced.

#### **Chemical Properties**

pH: Not relevant

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### **OTHER PROPERTIES**

Form: Crystalline powder  
Other Information: Water soluble

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### **INGREDIENTS**

Mixture of sodium chloride and other sea salts

**PRODUCT: AQUASONIC SYNTHETIC SEA SALT – 4 PART MIX**

**DATE: 6<sup>th</sup> May 2009**

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**HEALTH HAZARD INFORMATION**

**HEALTH AFFECTS**

- Acute – inhaled: Irritation would possibly occur in sensitive noses and may result in irritation of the respiratory tract.
- Acute – swallowed: Product is not dangerous if swallowed in small amounts. Larger amounts could give rise to stomach irritation with nausea, vomiting and diarrhoea
- Acute – eyes: May give rise to irritation
- Acute – skin: Prolonged skin contact will give rise to irritation in certain sensitive individuals.

**First Aid:**

- Swallowed: If stomach upset develops or if a large quantity is ingested, seek medical advice immediately. Give an emetic such as Ipecac Liquid Extract. Contact the Poisons Information Centre (PH: 131126)
- Eye: Irrigate the affected eye(s) with cold running water for 15 minutes and if discomfort persists, seek medical advice.
- Inhaled: Wear effective mask, if inhaled move to fresh air.
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**PRECAUTIONS FOR USE**

- Exposure Limits: Not applicable.
- Personal Protection: Wear protective gloves when handling.
- Flammability: Not inflammable, will not support combustion. Will not burn. Will extinguish fire
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**SAFE HANDLING INFORMATION**

**Storage and Transport**

Storage Precautions: Store in a cool dry place.

**Spills and Disposal**

Spills and Disposal: Wash down area with detergent and excess water, flush to drain.

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**FIRE/EXPLOSION HAZARD**

- Fire/Explosion Hazard: Not applicable but at very high temperatures toxic fumes could be produced such as sulphur dioxide
- Hazchem Code: None allocated.
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**OTHER INFORMATION**

Information on Ecological Effects:

**PRODUCT: AQUASONIC SEAWATER COMPONENT MATERIAL B**

**DATE: 6<sup>th</sup> May 2009**

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**IDENTIFICATION**

Trade Name: Aquasonic Seawater Component Material B  
UN Number: None Allocated  
DG Class: None Allocated  
Packing Group: None Allocated  
Hazchem Group: None Allocated  
Poisons Schedule: Not Scheduled  
Product Use: A salt to manufacture seawater

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**PHYSICAL DATA**

**Physical and Chemical Properties**

Appearance: White crystalline powder  
Odour: Practically Odourless  
Specific Gravity: Not Relevant  
Boiling Point: Not Relevant  
Flash Point: No Data  
Melting Point: About 1124<sup>o</sup>C  
Ingredients: Part of seawater  
Flammability: Not Flammable but at high temperatures toxic fumes such as sulphur dioxide could be produced.

**Chemical Properties**

pH: Not relevant

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**OTHER PROPERTIES**

Form: Crystalline powder  
Other Information: Water soluble

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**INGREDIENTS**

Seawater salt

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**HEALTH HAZARD INFORMATION**

**HEALTH AFFECTS**

Acute – inhaled: Irritation would possibly occur in sensitive noses and may result in irritation of the respiratory tract.  
Acute – swallowed: Product is not dangerous if swallowed in small amounts but could produce burning of mucous membranes. Larger amounts could give rise to stomach irritation with nausea, vomiting and diarrhoea.  
Acute – eyes: Will give rise to irritation  
Acute – skin: Prolonged skin contact will give rise to irritation

**PRODUCT: AQUASONIC SEAWATER MATERIAL COMPONENT B**

**DATE: 6<sup>th</sup> May 2009**

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**First Aid:**

Swallowed: If stomach upset develops or if a large quantity is ingested, seek medical advice immediately. Drink large amounts of water. Contact the Poisons Information Centre (PH: 131126)

Eye: Immediately irrigate the affected eye(s) with cold running water for 15 minutes and if discomfort persists, seek medical advice.

Inhaled: Wear effective mask, if inhaled move to fresh air. Supply oxygen.

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**PRECAUTIONS FOR USE**

Exposure Limits: Not applicable.

Personal Protection: Wear protective gloves when handling.

Flammability: Not inflammable, will not support combustion. Will not burn.

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**SAFE HANDLING INFORMATION**

**Storage and Transport**

Storage Precautions: Store in a cool dry place. Will produce heat in contact with water.

**Spills and Disposal**

Spills and Disposal: Wash down area with detergent and excess water, flush to drain.

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**FIRE/EXPLOSION HAZARD**

Fire/Explosion Hazard: Not applicable but at very high temperatures toxic fumes could be produced such as sulphur dioxide

Hazchem Code: None allocated.

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**OTHER INFORMATION**

Information on Ecological Effects:

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**PRODUCT: AQUASONIC SEAWATER TRACE MATERIAL**

**DATE: 6<sup>th</sup> May 2009**

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**IDENTIFICATION**

Trade Name: Aquasonic Seawater Trace Material

UN Number: None Allocated

DG Class: None Allocated

Packing Group: None Allocated

Hazchem Group: None Allocated

Poisons Schedule: Not Scheduled

Product Use: A salt to manufacture seawater

**PRODUCT: AQUASONIC SEAWATER TRACE MATERIAL**

**DATE: 6<sup>th</sup> May 2009**

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**PHYSICAL DATA**

**Physical and Chemical Properties**

Appearance:	White crystalline powder
Odour:	Practically Odourless
Specific Gravity:	1.29
Boiling Point:	N/A
Flash Point:	No Data
Melting Point:	N/A
Ingredients:	Part of seawater
Flammability:	Not Flammable but at high temperatures toxic fumes such as chlorine could be produced.

**Chemical Properties**

pH:	Not relevant
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**OTHER PROPERTIES**

Form:	Crystalline powder
Other Information:	Water soluble

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**INGREDIENTS**

Seawater component

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**HEALTH HAZARD INFORMATION**

**HEALTH AFFECTS**

Acute – inhaled:	Irritation would possibly occur in sensitive noses and may result in irritation of the respiratory tract.
Acute – swallowed:	Product is not dangerous if swallowed in small amounts but could produce burning of mucous membranes. Larger amounts could give rise to stomach irritation with nausea, vomiting and diarrhoea.
Acute – eyes:	Will give rise to irritation
Acute – skin:	Prolonged skin contact will give rise to irritation

**First Aid:**

Swallowed:	If stomach upset develops or if a large quantity is ingested, seek medical advice immediately. Drink large amounts of water. Contact the Poisons Information Centre (PH: 131126)
Eye:	Immediately irrigate the affected eye(s) with cold running water for 15 minutes and if discomfort persists, seek medical advice.
Inhaled:	Wear effective mask, if inhaled move to fresh air. Supply oxygen.

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**PRECAUTIONS FOR USE**

Exposure Limits:	Not applicable.
Personal Protection:	Wear protective gloves when handling.

**PRODUCT: AQUASONIC SEAWATER TRACE MATERIAL**

**DATE: 6<sup>th</sup> May 2009**

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Flammability: Not inflammable, will not support combustion. Will not burn.

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**SAFE HANDLING INFORMATION**

**Storage and Transport**

Storage Precautions: Store in a cool dry place. Will produce heat in contact with water. Will react with acids to produce carbon dioxide.

**Spills and Disposal**

Spills and Disposal: Wash down area with detergent and excess water, flush to drain.

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**FIRE/EXPLOSION HAZARD**

Flash Point: None

Extinguishing Media: None, non-flammable

Fire/Explosion Hazard: Not applicable but at very high temperatures toxic fumes could be produced such as chlorine and carbon dioxide

Hazchem Code: None allocated.

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**OTHER INFORMATION**

Information on Ecological Effects: Not available

**PRODUCT: SODIUM CHLORIDE**

**DATE: 6<sup>th</sup> May 2009**

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**IDENTIFICATION**

Trade Name: Sodium Chloride

UN Number: None Allocated

DG Class: None Allocated

Packing Group: None Allocated

Hazchem Group: None Allocated

Poisons Schedule: Not Scheduled

Product Use: For addition to water to produce seawater

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**PHYSICAL DATA**

**Physical and Chemical Properties**

Appearance: White crystalline powder

Odour: Practically Odourless

Specific Gravity: Not relevant

Boiling Point: Not relevant

Flash Point: No Data

Melting Point: About 800<sup>o</sup>C

Ingredients: Pure sodium chloride

Flammability: Not Flammable but at high temperatures toxic fumes could be produced.

### **Chemical Properties**

pH: Not relevant

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### **OTHER PROPERTIES**

Form: Crystalline powder

Other Information: Water soluble

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### **INGREDIENTS**

Sodium Chloride NaCl

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### **HEALTH HAZARD INFORMATION**

#### **HEALTH AFFECTS**

Acute – inhaled: Irritation would possibly occur in sensitive noses and may result in irritation of the respiratory tract.

Acute – swallowed: Product is not dangerous if swallowed in small amounts. Larger amounts could give rise to stomach irritation with nausea, vomiting and diarrhoea.

Acute – eyes: May give rise to irritation

Acute – skin: Prolonged skin contact may give rise to irritation in certain sensitive individuals.

#### **First Aid:**

Swallowed: If stomach upset develops or if a large quantity is ingested, seek medical advice immediately. Give an emetic such as Ipecac Liquid Extract. Contact the Poisons Information Centre (PH: 131126)

Eye: Irrigate the affected eye(s) with cold running water for 15 minutes and if discomfort persists, seek medical advice.

Inhaled: Wear effective mask, if inhaled move to fresh air.

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### **PRECAUTIONS FOR USE**

Exposure Limits: Not applicable.

Personal Protection: Wear protective gloves when handling.

Flammability: Not inflammable, will not support combustion. Will not burn. Will extinguish fire.

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### **SAFE HANDLING INFORMATION**

#### **Storage and Transport**

Storage Precautions: Store in a cool dry place. Will produce heat in contact with water.

#### **Spills and Disposal**

Spills and Disposal: Wash down area with detergent and excess water, flush to drain.

**PRODUCT: SODIUM CHLORIDE**

**DATE: 6<sup>th</sup> May 2009**

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**FIRE/EXPLOSION HAZARD**

Fire/Explosion Hazard: Not applicable but at very high temperatures toxic fumes could be produced such as chlorine and sodium oxide

Hazchem Code: None allocated.

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**OTHER INFORMATION**

Information on Ecological Effects:

**PRODUCT: SEAWATER MATERIAL COMPONENT A**

**DATE: 6<sup>th</sup> May 2009**

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**IDENTIFICATION**

Trade Name: Seawater Material Component A  
UN Number: None Allocated  
DG Class: None Allocated  
Packing Group: None Allocated  
Hazchem Group: None Allocated  
Poisons Schedule: Not Scheduled  
Product Use: A salt to manufacture seawater

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**PHYSICAL DATA**

**Physical and Chemical Properties**

Appearance: Slight yellow to white crystalline powder  
Odour: Practically Odourless  
Specific Gravity: 1.32  
Boiling Point: 225<sup>o</sup>C  
Flash Point: No Data  
Melting Point: N/A  
Ingredients: Part of seawater  
Flammability: Not Flammable but at high temperatures toxic fumes such as chlorine could be produced.

**Chemical Properties**

pH: Not relevant

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**OTHER PROPERTIES**

Form: Crystalline powder  
Other Information: Water soluble

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**INGREDIENTS**

Seawater salt



**PRODUCT: SEAWATER MATERIAL COMPONENT A**

**DATE: 6<sup>th</sup> May 2009**

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**HEALTH HAZARD INFORMATION**

**HEALTH AFFECTS**

- Acute – inhaled: Irritation would possibly occur in sensitive noses and may result in irritation of the respiratory tract.
- Acute – swallowed: Product is not dangerous if swallowed in small amounts. Larger amounts could give rise to stomach irritation with nausea, vomiting and diarrhoea.
- Acute – eyes: Will give rise to irritation
- Acute – skin: Prolonged skin contact will give rise to irritation.

**First Aid:**

- Swallowed: If stomach upset develops or if a large quantity is ingested, seek medical advice immediately. Drink large amounts of water. Contact the Poisons Information Centre (PH: 131126)
- Eye: Immediately irrigate the affected eye(s) with cold running water for 15 minutes and if discomfort persists, seek medical advice.
- Inhaled: Wear effective mask, if inhaled move to fresh air. Supply oxygen.
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**PRECAUTIONS FOR USE**

- Exposure Limits: Not applicable.
- Personal Protection: Wear protective gloves when handling.
- Flammability: Not inflammable, will not support combustion. Will not burn.
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**SAFE HANDLING INFORMATION**

**Storage and Transport**

Storage Precautions: Store in a cool dry place. Will produce heat in contact with water.

**Spills and Disposal**

Spills and Disposal: Wash down area with detergent and excess water, flush to drain.

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**FIRE/EXPLOSION HAZARD**

- Flash Point: None
- Extinguishing Media: None, non-flammable
- Fire/Explosion Hazard: Not applicable but at very high temperatures toxic fumes could be produced such as sulphur dioxide
- National Fire Protection Association Classification  
4 = severe, 3 = serious, 2 = moderate, 1 = slight, 0 = minimal
- Health = 1, Flammability = 0, Reactivity = 0
- Hazchem Code: None allocated.
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**OTHER INFORMATION**

Information on Ecological Effects: Not Available