

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

#### 1.1 PRODUCT IDENTIFIER

**Product Name:** Aqua Mix® Grout Haze Clean-Up

**Product Code:** Not Available

#### 1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Product Use:** Cleaner

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

**Name/Address:** Tiller's Mate  
33 Fairfax Ave  
Penrose, Auckland, New Zealand  
info@aquamix.com.au

**Telephone Number:** 09 951-0399

#### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone Number:** Poisons Information Centre: 0800 764 766 in New Zealand

### Section 2: HAZARD(S) IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE CHEMICAL

Serious Eye Damage  
Skin Irritation

Category 1  
Category 2

#### 2.2 LABEL ELEMENTS

**2.2a SIGNAL WORD:**  
DANGER!

**2.2b HAZARD STATEMENTS**  
Causes serious eye damage  
Causes skin irritation

**2.2c HAZARD PICTOGRAMS**



**2.2d PRECAUTIONARY STATEMENTS**

i. **PREVENTION**

Wear impervious gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after

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	handling. Do not breathe fumes/vapors/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
<b>ii. RESPONSE</b>	If on skin(or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If swallowed: Rinse mouth. Do NOT induce vomiting. If experiencing respiratory symptoms: call a poison center/doctor. If exposed or concerned: get medical advice/attention.
<b>iii. STORAGE</b>	Store in a well-ventilated place. Stored locked up. Keep container tightly closed.
<b>iv. DISPOSAL</b>	Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.

### 2.3 ADDITIONAL INFORMATION

**2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED**

Not Applicable

**2.3b UNKNOWN ACUTE TOXICITY**

3.4% of the mixture consists of ingredient(s) of unknown acute toxicity.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURES

Chemical Name	CAS Number	Weight %
b-Alanine, N-(2-carboxyethyl)-N-(2-ethylhexyl)-, Monosodium Salt	94441-92-6	3 – 7%*
Sodium salt (1:3) Phosphoric Acid	7601-54-9	3 – 7%*
EDTA (Edetic Acid)	60-00-4	1 – 5%*
4-Nonylphenol Branched, Ethoxylated	127087-87-0	0.5 – 1.5%*

\*Means that the component will fall into one of the ranges specified due to batch-to-batch variability and to protect Confidential Business Information.

## Section 4: FIRST-AID MEASURES

### 4.1 DESCRIPTION OF THE FIRST-AID MEASURES

ROUTES OF EXPOSURE	DESCRIPTION
<b>Eye Contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
<b>Skin Contact:</b>	In case of contact, immediately flush skin with plenty of water.

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Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

- Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

### 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

ROUTES OF EXPOSURE	DESCRIPTION
<b>Eye Contact:</b>	Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
<b>Skin Contact:</b>	Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis. May cause an allergic skin reaction.
<b>Inhalation:</b>	May cause respiratory tract irritation.
<b>Ingestion:</b>	May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- Note to Physicians:** Symptoms may not appear immediately.
- Specific Treatments:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## Section 5: FIRE-FIGHTING MEASURES

### 5.1 FLAMMABILITY

**Flammability:** **Not Flammable/Not Combustible**

### 5.2 EXTINGUISHING MEDIA

- 5.2a. Suitable Extinguishing Media:**  
Treat for surrounding material.
- 5.2b. Unsuitable Extinguishing Media:**  
Not Available

### 5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

- 5.3a. Products of Combustion:**  
May include, and are not limited to: oxides of carbon

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### 5.3b. Explosion Data

- i. **Sensitivity to Mechanical Impact:**  
Not Available
- ii. **Sensitivity to Static Discharge:**  
Not Available

### 5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear(full bunker gear) and respiratory protection (SCBA).

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

**Methods for Containment:** Recover all usable material. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Cleaning-Up:** Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

## Section 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

**Handling:** Use in well-ventilated areas. Wear impervious gloves and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes/vapors/spray. Do not take internally.

**General Hygiene Advice:** Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage:** Store locked up. Keep out of the reach of children. Keep container tightly closed. Store at room temperature and keep containers closed when not in use.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETER

**Exposure Guidelines:**

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Occupational Exposure Limits		
Chemical Name	AUS-STEL	ACGIH-TLV
b-Alanine, N-(2-carboxyethyl)-N-(2-ethylhexyl)-, Monosodium Salt	Not Applicable	Not Applicable
Sodium salt (1:3) Phosphoric Acid	Not Applicable	10 mg/m <sup>3</sup>
EDTA (Edetic Acid)	Not Applicable	Not Applicable
4-Nonylphenol Branched, Ethoxylated	Not Applicable	Not Applicable

### 8.2 EXPOSURE CONTROLS

**Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### 8.3 INDIVIDUAL PROTECTION MEASURES

#### 8.3a. Personal Protective Equipment:

- i. **Eye/Face Protection:** Wear approved eye protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]
  
- ii. **Skin Protection:**
  1. **Hand Protection:** Wear impervious gloves, such as nitrile.
  2. **Body Protection:** Wear suitable protective clothing.
  
- iii. **Respiratory Protection:** An AS/NZS approved respirator or filtering face piece, such as P2, is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in AS/NZS 1716 or ANSI's standard for respiratory protection (Z88.2).
  
- iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, color, etc.):</b>	Clear Liquid
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	Not Available
<b>pH:</b>	6.50 – 7.00
<b>Melting point/Freezing point:</b>	Not Available
<b>Initial boiling point and boiling range:</b>	>212°F (>100°C)
<b>Flash point:</b>	>200°F (>93.3°C)
<b>Evaporation rate (Water=1):</b>	Not Available
<b>Flammability:</b>	Not Flammable/Not Combustible
<b>Upper Flammability/Explosive Limit:</b>	Not Available
<b>Lower Flammability/Explosive Limit:</b>	Not Available
<b>Vapor Pressure</b>	Not Available
<b>Vapor Density:</b>	Not Available
<b>Relative Density:</b>	1.03 – 1.09 g/mL
<b>Solubility in Water:</b>	Miscible

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<b>Partition coefficient: n-octanol/water:</b>	Not Available
<b>Auto-ignition temperature:</b>	Not Available
<b>Decomposition Temperature:</b>	Not Available
<b>Viscosity (cps):</b>	Not Available
<b>VOC Content:</b>	<1 g/L (0% VOC)

### Section 10: STABILITY AND REACTIVITY

**10.1. REACTIVITY**

No dangerous reaction known under conditions of normal use.

**10.2. CHEMICAL STABILITY**

Stable under normal storage conditions. Keep dry in storage.

**10.3. POSSIBILITY OF HAZARDOUS REACTION**

No dangerous reaction known under conditions of normal use.

**10.4. CONDITIONS TO AVOID**

Heat. Incompatible materials.

**10.5. INCOMPATIBLE MATERIALS**

Strong bases. Strong oxidizers.

**10.6. HAZARDOUS DECOMPOSITION PRODUCTS**

Upon decomposition, this product may yield oxides of carbon.

### Section 11: TOXICOLOGICAL INFORMATION

**11.1. LIKELY ROUTES OF EXPOSURE:**

Skin contact, eye contact, inhalation, and ingestion.

**11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:**

**Eye Contact:** Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Skin Contact:** Causes severe skin burns. Handling can cause dry skin, discomfort, irritation, and dermatitis. May cause an allergic skin reaction.

**Inhalation:** May cause respiratory tract irritation.

**Ingestion:** May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

Acute Toxicity (ATE <sub>mix</sub> = 23,290 mg/kg)		
Chemical Name	LC50	LD50
b-Alanine, N-(2-carboxyethyl)-N-(2-ethylhexyl)-, Monosodium Salt	Not Available	Oral: >5,000 mg/kg, rat
Sodium salt (1:3) Phosphoric Acid	>6.4 mg/L, 4hr	Oral: >7,400 mg/kg, rat
EDTA (Edetic Acid)	Not Available	Oral: 4,500 mg/kg, rat

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4-Nonylphenol Branched, Ethoxylated	Not Available	Oral: 3,314 mg/kg, rat
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Carcinogenicity	
Chemical Name	Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65)
b-Alanine, N-(2-carboxyethyl)-N-(2-ethylhexyl)-, Monosodium Salt	Not Listed
Sodium salt (1:3) Phosphoric Acid	Not Listed
EDTA (Edetic Acid)	Not Listed
4-Nonylphenol Branched, Ethoxylated	Not Listed

### 11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

SHORT-TERM	
<b>Skin Corrosion/Irritation:</b>	Causes skin irritation
<b>Serious Eye Damage/Irritation:</b>	Causes serious eye damage
<b>Respiratory Sensitization:</b>	Not Classified
<b>Skin Sensitization:</b>	Not Classified
<b>STOT-Single Exposure:</b>	May cause respiratory irritation
<b>Aspiration Hazard:</b>	Not Classified
LONG-TERM	
<b>Carcinogenicity:</b>	Not Classified
<b>Germ Cell Mutagenicity:</b>	Not Classified
<b>Reproductive Toxicity:</b>	Not Classified
<b>STOT-Repeated Exposure:</b>	Not Classified
<b>Synergistic/Antagonistic Effects:</b>	Not Classified

## Section 12: ECOLOGICAL INFORMATION

### 12.1. ECOTOXICITY

May cause long-term adverse effects to the aquatic environment. Keep from entry into sewers and waterways.

Ecotoxicity		
Chemical Name	EC50/NOEC-48 Hours	LC50/NOEC-96 Hours
b-Alanine, N-(2-carboxyethyl)-N-(2-ethylhexyl)-, Monosodium Salt	>400 mg/L, Daphnia magna	>100 mg/L, Oncorhynchus mykiss
Sodium salt (1:3) Phosphoric Acid	Not Available	28.5 mg/L, Gambusia affinis
EDTA (Edetic Acid)	140 mg/L, Daphnia magna	>1,000 mg/L, Lepomis macrochirus
4-Nonylphenol Branched, Ethoxylated	Not Available	8.6 mg/L Fish

### 12.2. PERSISTENCE AND DEGRADABILITY

Not Available

### 12.3. BIOACCUMULATIVE POTENTIAL

Not Available

### 12.4. MOBILITY IN SOIL

Not Available

### 12.5. OTHER ADVERSE EFFECTS

Not Available

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### Section 13: DISPOSAL CONSIDERATIONS

**13.1. DISPOSAL METHOD**

Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations

**13.2. OTHER DISPOSAL CONSIDERATIONS**

Not Available

### Section 14: TRANSPORT INFORMATION

NZS 5433:Part 1:2012	IATA
<b>UN NUMBER:</b>	<b>UN NUMBER:</b>
Not Regulated	Not Regulated
<b>UN PROPER SHIPPING NAME:</b>	<b>UN PROPER SHIPPING NAME:</b>
Not Regulated	Not Regulated
<b>TRANSPORT HAZARD CLASS (ES):</b>	<b>TRANSPORT HAZARD CLASS (ES):</b>
Not Regulated	Not Regulated
<b>PACKING GROUP (if applicable):</b>	<b>PACKING GROUP (if applicable):</b>
Not Regulated	Not Regulated

**SUMMARY:** Product is NOT regulated under NZS 5433 and other transportation regulations.

**14.1. ENVIRONMENTAL HAZARDS**

Not Available

**14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE**

Not Available

**14.3. SPECIAL PRECAUTIONS FOR USER**

Do not handle until all safety precautions have been read and understood.

**14.4. HAZCHEM OR EMERGENCY ACTION CODE**

Not Applicable

### Section 15: REGULATORY INFORMATION

**15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL**

**New Zealand:** This product has been classified in accordance with the hazard criteria of the Hazardous Substances and New Organisms Act (HSNO) and the SDS contains all the information required by the Hazardous Substances and New Organisms Act (HSNO). HSNO Approval Number: HSR002530.

**15.2. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

<b>CP65</b>	California Proposition 65
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<b>OSHA (O)</b>	Occupational Safety and Health Administration
<b>ACGIH (G)</b>	American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> <li>• A1 – Confirmed human carcinogen</li> <li>• A2 – Suspected human carcinogen</li> <li>• A3 – Animal carcinogen</li> <li>• A4 – Not classifiable as a human carcinogen</li> <li>• A5 – Not suspected a human carcinogen</li> </ul>
<b>IARC (I)</b>	International Agency for Research on Cancer <ul style="list-style-type: none"> <li>• 1 – The agent (mixture) is carcinogenic to humans</li> <li>• 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.</li> <li>• 2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.</li> <li>• 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.</li> <li>• 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.</li> </ul>
<b>NTP (N)</b>	National Toxicology Program <ul style="list-style-type: none"> <li>• 1 – Known to be carcinogens</li> <li>• 2 – Reasonably anticipated to be carcinogens</li> </ul>

### Section 16: OTHER INFORMATION

**Date of Preparation:** October 3, 2017

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**Disclaimer:** We believe that the statements, technical information and recommendations contained in this Safety Data Sheet are true, but they are given without warranty of any kind. The information in this document applies to this specific substance as supplied. They may not be valid for this substance if it is used in combination with any other substance. It is the user's responsibility to ensure the relevance and completeness of this information for the particular use they will make of it. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

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## End of Safety Data Sheet