

Conforms to Model Work Health And Safety Regulations

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

#### 1.1 PRODUCT IDENTIFIER

**Product Name:** Aqua Mix® 1 & 2 Deep Clean (Liquid)  
**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:** Custom Surface Solutions  
 30/16 Bernera Road, Prestons  
 NSW, 2170, Australia  
 info@aquamix.com.au

**Telephone Number:** 1300 AQUA MIX (2782 649)

#### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone Number:** Poisons Information Centre: 131 126 (0800 764 766 in New Zealand)

### Section 2: HAZARD(S) IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE CHEMICAL

<b>Eye Irritation</b>	<b>Category 2B</b>
<b>Skin Irritation</b>	<b>Category 2</b>

#### 2.2 LABEL ELEMENTS

**2.2a SIGNAL WORD:**  
 WARNING!

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

**2.2c HAZARD PICTOGRAMS**



**2.2d PRECAUTIONARY STATEMENTS**

<b>i. PREVENTION</b>	Wear impervious gloves/protective clothing/eye protection. Wash hands thoroughly after handling. Do not breathe
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Conforms to Model Work Health And Safety Regulations

## SAFETY DATA SHEET

	vapors/spray/mist. Do not eat, drink or smoke while using this product. Use only outdoors or in a well ventilated area.
<b>ii. RESPONSE</b>	If on skin: Wash with plenty of water. Take off contaminated clothing and wash it 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 experiencing respiratory symptoms: Call a poison center/doctor. If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.
<b>iii. STORAGE</b>	Store in a well-ventilated place. 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**

<1% 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 %
2-butoxyethanol	111-76-2	0.5 – 1.5%*
Nonylphenol, Ethoxylated	127087-87-0	0.1 – 1.0%*
Sodium Hydroxide	1310-73-2	0.1 – 1.0%*

\*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. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
<b>Inhalation:</b>	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if

Conforms to Model Work Health And Safety Regulations

## SAFETY DATA SHEET

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 eye irritation. 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.
<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

#### 5.3b. Explosion Data

**i. Sensitivity to Mechanical Impact:**  
Not Available

## SAFETY DATA SHEET

- 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 manufacturer. Do not get in eyes. Do not get on skin or clothing. Do not breathe vapors/spray/mist. 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:** 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:

Occupational Exposure Limits		
Chemical Name	AUS-STEL	ACGIH-TLV
2-butoxyethanol	50 ppm	20 ppm
Nonylphenol, Ethoxylated	Not Available	Not Available

Conforms to Model Work Health And Safety Regulations

## SAFETY DATA SHEET

Sodium Hydroxide	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
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### 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>	Opaque Liquid
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	Not Available
<b>pH:</b>	11.6 – 12.2
<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>	0.97 – 1.03 g/mL
<b>Solubility in Water:</b>	Miscible
<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>	Liquid: <15 g/L (<1.3% VOC)

Conforms to Model Work Health And Safety Regulations

## SAFETY DATA SHEET

	When properly mixed: <1 g/L (<0.05% VOC)
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### 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 acids. 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 eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Skin Contact:** Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis.

**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> = 27,629 mg/kg)		
Chemical Name	LC50	LD50
2-butoxyethanol	Not Available	Oral: 880 mg/kg, rat
Nonylphenol, Ethoxylated	Not Available	Oral: 3,314 mg/kg, rat
Sodium Hydroxide	Not Available	Oral: 100 mg/kg, rat

Carcinogenicity	
Chemical Name	Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65)
2-butoxyethanol	Not Listed

Conforms to Model Work Health And Safety Regulations

## SAFETY DATA SHEET

Nonylphenol, Ethoxylated	Not Listed
Sodium Hydroxide	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 eye irritation
<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
2-butoxyethanol	1,720 mg/L, Daphnia magna, 24hr	1,575 mg/L, Leuciscus idus melanotus, 48hr
Nonylphenol, Ethoxylated	Not Available	8.6 mg/L, Fish
Sodium Hydroxide	>35 mg/L, Ceriodaphnia dubia	125 mg/L, Gambusia affinis

### 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

## 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

Conforms to Model Work Health And Safety Regulations

## SAFETY DATA SHEET

### Section 14: TRANSPORT INFORMATION

ADG	IATA
<b>UN NUMBER:</b>  Not Regulated	<b>UN NUMBER:</b>  Not Regulated
<b>UN PROPER SHIPPING NAME:</b>  Not Regulated	<b>UN PROPER SHIPPING NAME:</b>  Not Regulated
<b>TRANSPORT HAZARD CLASS (ES):</b>  Not Regulated	<b>TRANSPORT HAZARD CLASS (ES):</b>  Not Regulated
<b>PACKING GROUP (if applicable):</b>  Not Regulated	<b>PACKING GROUP (if applicable):</b>  Not Regulated

**SUMMARY:** Product is NOT regulated under ADG 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**

**Australia:** This product has been classified in accordance with the hazard criteria of the Model Work Health and Safety Regulations and the SDS contains all the information required by the Model Work Health and Safety Regulations.

**15.2. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

<b>CP65</b>	California Proposition 65
<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</li> </ul>



Conforms to Model Work Health And Safety Regulations

## SAFETY DATA SHEET

	<p>is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.</p> <ul style="list-style-type: none"> <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>	<p>National Toxicology Program</p> <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:** March 1, 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