SAFETY DATA SHEET

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: Aqua Mix® Sealer & Coating Remover

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 (1300278264)

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: Poisons Information Centre: 13 11 26 (0800 764 766 in New Zealand)

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL

Flammable Liquid	**Category 4**
Eye Irritation	**Category 2A**

2.2 LABEL ELEMENTS

2.2a SIGNAL WORD:
WARNING!

2.2b HAZARD STATEMENTS
Combustible liquid
Causes serious eye irritation

2.2c HAZARD PICTOGRAMS

2.2d PRECAUTIONARY STATEMENTS

i. PREVENTION	Keep away from flames and hot surfaces. No smoking. Wear impervious gloves/protective clothing/eye protection. Wash hands thoroughly after handling. Do not breathe

	vapors/mists/fumes. Do not eat, drink or smoke while using this product. Use only outdoors or in a well ventilated area.
ii. RESPONSE	In case of fire: Use ABC fire extinguisher. 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 swallowed: Immediately call a poison control center/doctor. Rinse mouth. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison control center/doctor if you feel unwell.
iii. STORAGE	Store in a well-ventilated place. Keep cool. Keep container tightly closed.
iv. DISPOSAL	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 %
Dimethyl Glutarate	1119-40-0	15 – 40%*
Diethylene Glycol Monobutyl Ether	112-34-5	10 – 30%*
Tripropylene Glycol Monomethyl Ether	25498-49-1	10 – 30%*
Ethyl 3-ethoxypropionate	763-69-9	10 – 30%*
Ethylene Glycol Monobutyl Ether (Impurity)	111-76-2	0.1 – 0.3%*

*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
Eye Contact:	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.
Skin Contact:	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.

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
Eye Contact:	Causes serious 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:	Harmful if inhaled. May cause respiratory tract irritation.
Ingestion:	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: **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

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: Absorb all spilled material with suitable absorbent, 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: Keep away from flames and hot surfaces. No smoking. Keep container tightly closed. 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 vapors/mists/fumes. 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
Dimethyl Glutarate	10 mg/m^3	Not Available
Diethylene Glycol Monobutyl Ether	Not Available	10 ppm
Tripropylene Glycol Monomethyl Ether	Not Available	Not Available
Ethyl 3-ethoxypropionate	Not Available	Not Available
Ethylene Glycol Monobutyl Ether (Impurity)	50 ppm	20 ppm

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

Physical State:	Liquid
Color:	Clear
Odor:	Aromatic
Melting Point/Freezing Point:	Not Available
Flammability:	Not Flammable/Not Combustible
Upper Flammability/Explosive Limit:	Not Available
Lower Flammability/Explosive Limit:	Not Available
Flash Point:	>80.0°C (>176°F)
Auto-ignition Temperature:	Not Available
Decomposition Temperature:	Not Available
pH:	9.0 – 11.5
Kinematic Viscosity:	Not Available
Solubility:	Miscible
Partition Coefficient: n-octanol/water (logarithmic value):	Not Available
Vapor Pressure:	Not Available
Density/Relative Density:	0.94 – 1.02 g/mL

Relative Vapor Density:	Not Available
Particle Characteristics:	Not Available
VOC Content:	999 g/L (24.4% CARB 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.

10.3. POSSIBILITY OF HAZARDOUS REACTION
No dangerous reaction known under conditions of normal use.

10.4. CONDITIONS TO AVOID
Heat and sources of ignition. 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 serious 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: Harmful if inhaled. May cause respiratory tract irritation.

Ingestion: Harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

Acute Toxicity(ATE_{mix}= 2,936 mg/kg)		
Chemical Name	**LC50**	**LD50**
Dimethyl Glutarate	Inhalation: >11 mg/L, 4h, rat	Oral: >2,000 mg/kg, rat
Diethylene Glycol Monobutyl Ether	Not Available	Oral: 2,410 mg/kg, rat
Tripropylene Glycol Monomethyl Ether	Not Available	Oral: 3,500 mg/kg, rat
Ethyl 3-ethoxypropionate	Inhalation: >998 ppm, 6h, rat	Oral: >5,000 mg/kg, rat
Ethylene Glycol Monobutyl Ether (Impurity)	Not Available	Oral: 880 mg/kg, rat

Carcinogenicity

Chemical Name	Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65)
Dimethyl Glutarate	Not Listed
Diethylene Glycol Monobutyl Ether	Not Listed
Tripropylene Glycol Monomethyl Ether	Not Listed
Ethyl 3-ethoxypropionate	Not Listed
Ethylene Glycol Monobutyl Ether (Impurity)	I-3

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

SHORT-TERM	
Skin Corrosion/Irritation:	Causes skin irritation
Serious Eye Damage/Irritation:	Causes serious eye irritation
Respiratory Sensitization:	Not Classified
Skin Sensitization:	Not Classified
STOT-Single Exposure:	May cause respiratory irritation
Aspiration Hazard:	Not Classified
LONG-TERM	
Carcinogenicity:	Not Classified
Germ Cell Mutagenicity:	Not Classified
Reproductive Toxicity:	Not Classified
STOT-Repeated Exposure:	Not Classified
Synergistic/Antagonistic Effects:	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**
Dimethyl Glutarate	136 mg/L, Daphnia magna	18 mg/L, Pimephales promelas
Diethylene Glycol Monobutyl Ether	Not Available	Not Available
Tripropylene Glycol Monomethyl Ether	>10,000 mg/L, Daphnia magna	11,619 mg/L, Pimephales promelas
Ethyl 3-ethoxypropionate	>479.7 mg/L, Daphnia magna	45.3 mg/L, Pimephales promelas
Ethylene Glycol Monobutyl Ether (Impurity)	1,550 mg/L, Daphnia magna	1,474 mg/L, Oncorhynchus mykiss

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

Section 14: TRANSPORT INFORMATION

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

SUMMARY: Product is 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 Available

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:

CP65	California Proposition 65
OSHA (O)	Occupational Safety and Health Administration
ACGIH (G)	American Conference of Governmental Industrial Hygienists • A1 – Confirmed human carcinogen • A2 – Suspected human carcinogen

	• A3 – Animal carcinogen • A4 – Not classifiable as a human carcinogen • A5 – Not suspected a human carcinogen
IARC (I)	International Agency for Research on Cancer • 1 – The agent (mixture) is carcinogenic to humans • 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. • 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. • 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans. • 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
NTP (N)	National Toxicology Program • 1 – Known to be carcinogens • 2 – Reasonably anticipated to be carcinogens

Section 16: OTHER INFORMATION

Date of Preparation: March 21, 2017

Version: 2.1

Revision Date: September 28, 2026

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