SAFETY DATA SHEET

DI-AQUA

1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:
Identification on the label/ Trade name: DI-AQUA Product Code 105
1.2 Relevant Identified uses of the substance and uses advised against:
1.2.1 Identified uses:
Silicone removal (via emulsification) PC35: Washing and cleaning products (including solvent based products)
1.2.2 Uses advised against:
Not available
1.3 Details of the Supplier of the material safety data sheet:

Allcosil Ltd.,
Ambrose Street,
West Gorton,
Manchester,
M12 5DD.
Email: ja@allcocks.co.uk
Tel: +44 (0)161 223 7181
Fax: + 44 (0)161 223 0173

1.4 Emergency telephone number: +44 (0)161 223 7181

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Classification:
Classification under CLP: Eye Irrit. 2: H319; Skin Irrit. 2: H315
2.1.2 The most important adverse effects:

2.1.2.1 The most important adverse physicochemical effects:
Not available.
2.1.2.2 The most important adverse human health effects: Causes skin irritation – Causes serious eye irritation
2.1.2.3 The most important adverse environmental effects: Not available.

2.2 Label Elements:

Hazard Pictograms:
GHSO7: Exclamation mark



Signal Word(s):
WARNING
Hazard Statement:
H315: Causes skin irritation
H319: Causes serious eye irritation
Precautionary statement:
P280: Wear protective gloves/eye protection
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing
Rinse skin with water/shower
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists; Get medical attention.

2.3 Other hazards

PBT: This product is not identified as a PBT/vPvB substance

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:

The product in question is a mixture.

3.2 Ingredients: **1-METHOXY-2-PROPANOL**
QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-16 ALKYLDIMETHYL, CHLORIDES (=BENZALKONIUM CHLORIDE)

Substance Name	% by weight	CAS#	EINECS No.	Classification
1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	1-10	107-98-2	203-539-1	Flam Liq. 3: H226: STOT SE 3: H336
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	1-10	68424-85-1	270-325-2	Acute Tox. 4: H302+312; Skin Corr. 1C; Aquatic Acute 1: H400

4 FIRST-AID MEASURES

4.1 Description of first aid measures:

General advice: When in doubt or if symptoms are observed, get medical advice

Inhalation: Remove to fresh air
Skin contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes
Eye contact: If substance enters the eyes, immediately rinse with plenty of water for several minutes
Indigestion: Clean mouth with water and drink afterwards plenty of water

4.2 Most important symptoms and effect, both acute and delayed:
Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing and wheezing.
Delayed / immediate effects: Immediate effects can be expected after short term exposure.

4.3 Indication of any immediate medical attention and special treatment needed:
Eye bathing equipment should be available on the premises.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing media:
Use extinguishing media appropriate to the surrounding fire conditions. Cool fire exposed containers with waterspray.
5.1.2 Unsuitable extinguishing media: Not available.
5.2 Specific Hazards arising from the substance or mixture:
Not available.
5.3 Advice for fire-fighters:

In case of fire and/or explosion do not breathe fumes.
Wear self-contained breathing apparatus and protective clothing.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
Personal Precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
6.2 Environmental precautions:
Do not allow product to enter drains. Prevent further spillage by bunding if safe.
6.3 Methods of containment and cleaning up:
Absorb with inert, absorbent material – dry earth or sand.. Sweep up. Transfer to suitable closable, labelled containers for disposal by appropriate method. Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections:
See Section 8 for information on personal protection equipment.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:
Handling Requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation in the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
7.2 Conditions for safe storage, including any incompatibilities:
Storage class: Not available.
Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3 Specific end use(s):
Not available.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:
Hazardous ingredients:
1-Methoxy-2-propanol
(1-Methoxypropan-2-ol) **Work Place exposure limits -** UK 8 hour TWA 375 mg/m^3. --- 15 min. STEL 560 mg/m^3

DNEL / PNEC no data available

8.2 Exposure controls:

Engineering controls: Ensure adequate ventilation, especially in confined areas.

Eye/face protection: Wear safety glasses with side shields (or goggles)

Hand protection: Wear protective gloves. To protect the wearer, gloves must be the correct fit and be used properly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN374

Skin and body protection: Suitable protective clothing. For gloves see previous.

Respiratory protection: none under normal use conditions

8.3 Environmental exposure controls:

Local authorities should be advised if significant spillages cannot be contained.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:		
Physical state:		Liquid
Colour:		Colourless
Odour:		Characteristic
pH:		10.5 – 11.5
Melting point/range (°C):		Not available.
Boiling point/range (°C):		Not available.
Flash point (°C):		Not available.
Evaporation rate:		Not available.
Oxidising		Non-oxidising (by EC criteria)
Flammability (soild,gas):		Not available.
Ignition temperature (°C):		> 93.
Upper/lower flammability/explosive limits:		Not available.
Vapour pressure:	@ 20°C	Not available.
Vapour density:		Not available.
Relative Density (g cm^{-3})	@ 25°C	1.025 – 1.045
Solubility:		Soluble in water.
Auto-ignition temperature (°C):		Not available.
Decomposition temperature (°C):		Not available.
Viscosity ($mm^2 s^{-1}$, cSt):	@ 25°C	Not available.

9.2 Physical hazards:

Not available

9.3 Other information:

No data available

10 STABILITY AND REACTIVITY

10.1 Reactivity:

Stable under recommended transport or storage conditions

10.2 Chemical stability:

Stable under normal conditions.

10.3 Possibility of hazardous reactions:

Hazardous reactions will not occur under normal conditions

10.4 Conditions to avoid:

Heat, sparks and open flames.

10.5 Incompatible materials:

Strong Oxidising agents. Strong acids

10.6 Hazardous decomposition products:

Burning produces irritating, toxic and obnoxious fumes.

11 TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution:

Not available.

11.2 Information on toxicological effects:

Acute toxicity:
LD50 (Oral. mouse): 40 mg/kg
Skin corrosion/irritation:
Not available.
Serious eye damage/irritation:
Irritating to eyes.
Respiratory or skin sensitization:
Not available.
Germ cell mutagenicity:
Not available.
Carcinogenicity:
Not available.
Reproductive toxicity:
Not available.
STOT- single exposure:
Not available.
STOT- repeated exposure:
Prolonged or repeated exposure may cause irritation to skin and mucous membranes.
Aspiration hazard:
Not available.

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Sodium hydroxide	Rainbow trout LC50/96h = 39-52 mg/l
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	Daphnia LC50/48h = <1mg/l Fish LC50/96h = 0.85 mg/l

12.2 Persistence and degradability:

Not available.

12.3 Bioaccumulative potential:

Low bioaccumulation potential.

12.4 Mobility in soil:

Not available.

12.5 Results of PBT and vPvB assessment

Not available.

12.5 Other adverse effects:

Not available.

13 DISPOSAL CONSIDERATIONS

13. 1 Waste treatment methods:

Dispose of in compliance with all local and national regulations.

13.2 Product/ Packaging disposal:

Not available.

14 TRANSPORT INFORMATION

14.1 General:

The product is not classified as dangerous for carriage.

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Labelling	The product is classified in accordance with 67/548/EEC.
Symbols	Xi – Irritant



Risk phrases	R36 - Irritating to eyes.
Safety phrases	S24/25 - Avoid contact with skin and eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

16 OTHER INFORMATION

Text of risk phrases in Section 3.	R10 - Flammable. R22 - Harmful if swallowed. R34 - Causes burns. R35 - Causes severe burns. R41 - Risk of serious damage to eyes. R50 - Very toxic to aquatic organisms.

Issued by:
Allcosil Ltd.
SDS No.:
WEB01
Issue 5.
Date:
07/2025

For any further information please contact Allcosil **Ltd.**

DISCLAIMER: All information and instructions provided in these Safe Handling Instructions (SHI) are based on the current state of scientific and technical knowledge at the date indicated on the present SHI. Allcosil Ltd. shall not be held responsible for any defect in the product covered by this SHI, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. **Dated:07/2025**