SAFETY DATA SHEET
Allcosil 10G

1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:
Identification on the label/ Trade name: Allcosil 10G

1.2 Relevant Identified uses of the substance and uses advised against:

1.2.1 Identified uses:
Mould Release Agent.

1.2.2 Uses advised against:
Not available

1.3 Details of the Supplier of the material safety data sheet:

Allcosil Ltd.,
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West Gorton,
Manchester,
M12 5DD.

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

2 HAZARDS IDENTIFICATION

2.1 Classification and labelling according to Regulation (EC) 1907/2006 (REACH):

Serious eye damage/eye irriatation	**Category 2 – (H319)**

2.2 Label Elements



Signal word – WARNING

Hazard statements – H319 – Causes serious eye irritation
EUH208 – Contains 2-octyl-2H-Isothiazol-3-one. May produce an allergic reaction

2.3 Other hazards
Not available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:

The product in question is a mixture.

3.2 Ingredients:

Chemical name	EC No	CAS No	REACH registration No	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight - %
Fatty Alcohol Ethoxylate	No data available	69011-36-5	No data available	Xi;R41	Eye Dam.1 (H318)	1 – 5
Bronopol (Inn)	200-143-0	52-51-7	No data available	Xn;R21/22 Xi;R37/38 Xi;R41 N;R50	Acute Tox. 4 (H302 + H312) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) STOT SE 3 (H335) Aquatic Acute 1 (H400)	<0.1
2-octyl-2H-isothiazol-3-one	247-761-7	26530-20-1	No data available	Xn;R22 T;R23/24 C;R34 R43 N;R50-53	Acute Tox. 4 (H302) Acute Tox. 3 (H311 + H331) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	<0.1

4 FIRST-AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:
Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical advice

4.1.2 In case of skin contact:
Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

4.1.3 In case of eyes contact:
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention/advice.
4.1.4 In case of ingestion:
If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Drink plenty of water afterwards. Do NOT induce vomiting.

4.2 Most important symptoms and effect, both acute and delayed:

See toxicological information (section 11).

4.3 Indication of any immediate medical attention and special treatment needed:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:
5.1.1 Suitable extinguishing media:
Alcohol-resistant foam, CO_2, powders, water.
5.1.2 Unsuitable extinguishing media:
Do not use water jet.

5.2 Specific Hazards arising from the substance or mixture:

Fire will produce dense black smoke. Thermal decomposition of product can lead to the release of irritating and toxic gases (Carbon Dioxide (CO_2), Carbon Monoxide (CO), Nitrogen Oxides (NOx).

5.3 Advice for fire-fighters:

Wear self-contained breathing apparatus and protective suit. Cool closed containers exposed to fire with water. Do not release run-off from fire to drains or watercourses.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Exclude sources of ignition and ventilate the area. Avoid breathing vapour or spray. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions:

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods of containment and cleaning up:

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Preferably clean with a detergent. Avoid using solvents.

6.4 Reference to other sections:

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Keep container tightly closed. Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see section 8). Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws.

7.2 Conditions for safe storage, including any incompatibilities:

Store in accordance with local regulations. Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. Keep away from: oxidizing agents, strong alkalis, strong acids. No smoking.

Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s):

Risk Management methods (RMM) – the information required is contained in this Safety data sheet.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters:

Chemical name	European Union	United Kingdom	Austria	Switzerland	Germany
Bronopol (Inn) 52-53-7	No data available	No data available	No data available	No data available	Skin
2-ocytl-2H-isothiazol-3-one	No data available	No data available	Skin: STEL 0.05mg/m^3 TWA 0.05mg/m^3 Ceiling 0.05mg/m^3	Skin: STEL 0.1mg/m^3 TWA 0.05mg/m^3	Skin: STEL 0.05mg/m^3 Ceiling 0.1mg/m^3

8.2 Exposure controls:

Engineering controls: Eyewash stations
Eye/face protection: Wear safety glasses with side shields (or goggles)
Hand protections: 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 EN 374.
Skin and body protection: Suitable protective clothing. For information on gloves, see previous section.
Respiratory protection: none under normal conditions
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:		Silicone emulsion
Physical state:		Liquid
Colour:		Colourless
Odour:		Characteristic
pH:		7 to 10
Melting point/range (°C):		Not available.
Boiling point/range (°C):		≥ 100°C
Flash point (°C):		Closed cup: > 99°C [THEORETICAL]
Evaporation rate:		Not available.
Flammability (soild,gas):		Not applicable.
Upper/lower flammability/explosive limits:		Not available.
Vapour pressure:	@ 20°C	≤ 23 hPa
Vapour density:		Not available.
Relative Density (gcm^{-3})	@ 25°C	~ 1 g cm^{-3}
Solubility:		Soluble in water in any proportion.
Auto-ignition temperature (°C):		Not available.
Decomposition temperature (°C):		Not available.
Viscosity (mm^2 s^{-1}, cSt):	@ Kinematic (20°C)	>80

9.2 Other information:

SADT	Not available.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

Not available.

10.2 Chemical stability:

Not available.

10.3 Possibility of hazardous reactions:

Not available.

10.4 Conditions to avoid:

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products.

10.5 Incompatible materials:

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, and strong acids.

10.6 Hazardous decomposition products:

Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

There is no data available on the preparation itself. The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments. See sections 3 and 15 for details.
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage.

Acute toxicity:
LD50 (Oral,): Not available. LD50 (Dermal,): Not available.
Skin corrosion/irritation:
Not available.
Serious eye damage/irritation:
Not available.
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:
Not available.
Aspiration hazard:
Not available.

12 ECOLOGICAL INFORMATION

Harmful to aquatic life. 2.85% of the mixture consists of components of unknown hazards to the aquatic environment.

12.1 Ecotoxicity:

Chemical name	Algae/aquatic plants	Fish	Crustacea
Fatty Alcohol Ethoxylate	EC50: approx. 5 mg/l (72h)	LC50: approx.. 5mg/l (96h)	EC50: approx.. 5 mg/l (48h)
Bronopol (inn)	EC50: 0.4mg/l (72h)	LC50: 41.2 mg/l (96h)	EC50: 1.4 mg/l (48h)
2-octyl-2H-Isothiazol-3-one	IC50: 0.084mg/l (Scenedesmus subspicatus 72h)	LC50: 0.03 mg/l (Oncohynchus mykiss 96h)	EC50: 0.42 mg/l (Daphnia magna 48h)

12.2 Persistence and degradability:

Not available.

12.3 Bioaccumulative potential:

Not available.

12.4 Mobility in soil:

Not available.

12.5 Results of PBT and vPvB assessment
PBT: P: Not available. B: Not available. T: Not available.
vPvB: Vp: Not available. vB: Not available.

12.6 Other adverse effects:

AOX: Not available.

13 DISPOSAL CONSIDERATIONS

13. 1 Waste treatment methods:

13.1.1 Methods of disposal:
The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

13.1.2 European waste catalogue (EWC):

Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. The European Waste Catalogue classification of this product, when disposed of as waste, is: 08 03 13 waste ink other than those mentioned in 08 03 12 If this product is mixed with other wastes, this code may no longer apply. If mixed with other wastes, the appropriate code should be assigned. For further information, contact your local waste authority.

13.1.3 Hazardous
waste: No.

13.2 Product/ Packaging disposal:

Not available.

14 TRANSPORT INFORMATION

14.1 General:

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.2 UN-no:

Not available.

14.3 Transport hazard class(es)

14.3.1 RID/ADR:
Not available.
14.3.2 IMDG:
Not available.
14.3.3 IATA/ICAO:
Not available.

15 REGULATORY INFORMATION

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

15.1.1 EU Regulations
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Storage class: 10
15.1.2 VOC content
<1%
15.1.3 Europe inventory
All components are listed/exempted.
15.1.4 Industrial Use
The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

15.2 Chemical safety assessment:

This product contains substances for which Chemical Safety Assessments are still required.

16 OTHER INFORMATION

Issued by:
Allcosil Ltd.
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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**