SAFETY DATA SHEET

Allcosil 30G

1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:
Identification on the label/ Trade name: Allcosil 30G
1.2 Relevant Identified uses of the substance and uses advised against:
1.2.1 Identified uses:
Defoamer for industrial use.
1.2.2 Uses advised against:
Not available
1.3 Details of the Supplier of the material safety data sheet:

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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):

Classification and labelling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.
Serious eye damage/eye irritation – Category 2 (H319)

2.1.1 Classification of the substance or mixture
The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

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

Precautionary statements – EU (§28, 1272/2008)
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/ face protection
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Removes contact lenses, if present and easy to do. Continue rinsing
P337 + P313 – if eye irritation persists: get medical advice/attention

2.3 Other hazards
Not available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:
The product in question is a mixture.

Chemical name	EC No	CAS No	REACH registration No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight - %
Isotridecanol, branched, ethoxylated	No data available	69011-36-5	No data available	Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)	1 - 5
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	No data available	Flam Liq. 3 (H226) Repr. 2 (H361f) Aquatic Chronic 4 (H413)	0.1 -1
Dodecamethylcyclohexasiloxane	208-762-8	540-97-6	No data available	No data available	0.1 -1
Decamethylcyclopentasiloxane	208-764-9	541-02-6	No data available	No data available	0.1 -1
2-octyl-2H-isothiazol-3-one	247-761-7	26530-20-1	No data available	Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Acute Tox. 4 (H302) Acute Tox. 3 (H311 + H331) Aquatic Acute 1 (H400) Aquatic Chronic (H410)	<0.01

This product contains one or more candidate substance(s) of very high concern 9Regulation (EC) No. 1907/2006 (REACH), Article 59). Octamethylcyclotetrasiloxane. Dodecamethylcyclohexasiloxane. Decamethylcyclopentasiloxane.

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.

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.

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

Causes serious eye irritation. Allergic skin reaction.

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 spray.

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 can lead to the release of irritating and toxici gases and vapours (Carbon Dioxide (CO2) Carbon Monoxide (CO) Nitrous Oxides (NOx))

5.3 Advice for fire-fighters:

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

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.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Keep container tightly closed. Avoid contact with skin and eyes. Avoid inhalation of vapor, 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 CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:
Exposure limits:

Chemical name	European Union	UK	Austria	Switzerland	Germany
2-octyl-2H-isothiazol-3-one (26530-20-1)	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: TWA: 0.05mg/m^3 Ceiling 10ppm Ceiling 54mg/m^3

8.2 Exposure controls:
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 the glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374
Skin and body protection: suitable protective clothing (see above for gloves)
Respiratory Protection: None under normal circumstances

8.2.2 Environmental exposure controls:
Do not allow to enter drains or watercourses. 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:		Emulsion
Physical state:		Liquid
Colour:		White
Odour:		Characteristic
pH:		7 to 10
Melting point/range (°C):		Not available.
Boiling point/range (°C):		≥ 100°C
Flash point (°C):		Closed cup: > 150°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:	Relative	Not available.
Density (g cm^{-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:

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions:

Not available.

10.4 Conditions to avoid:

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 a gents, 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:

Acute toxicity:

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isotriecanol, branched, ethoxylated	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	No Available data
Octamethylcyclotetrasiloxane	= 1540 mg/kg (Rat)	= 794 µl/kg (Rabbit)	= 36 g/m^3 (Rat) 4h
2-octyl-2H-isothiazol-3-one	=550 mg/kg (Rat)	=690 mg/kg (Rabbit)	No Available data

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

12.1 Ecotoxicity:

Chemical name	Algae/aquatic plants	Fish	Crustacea
Isotridecanol, branched, ethoxylated	EC50: > 1-10 mg/l (Desmodesmus subspicatus 72h OECD 201) EC10: >0.1 -1mg/l (72h)	LC50:> 1 – 10mg/l (Cyprinus carpio 96h OECD 203) LC50: >1-10 mg/l Leuciscus idus 96h DIN 38412-15) NOEC: approx.. 1.73 mg/l	EC50: > 1-10 mg/l (Daphnia magna 48h OECD 202) NOEC: approx.. 1.36mg/l (504h)
2-octyl-2H-isothiazol-3-one	EC50: approx.. 0.084 mg/l (Scenedesmus subspicatus 72h OECD 201) NOEC: approx.. 0.00f mg/l (72h OECD 201)	LC50: approx. 0.036mg/l (Oncorhynchus mykiss 96h OECD 203) NOEC: approx. 0.22mg/l (672h OECD 210)	EC50: approx.. 0.42 mg/l (Daphnia magna) 48h OECD 202) NOEC: approx. 0.002mg/l (504h OECD 211)

12.2 Persistence and degradability:

Chemical name	Biodegredation
Isotridecanol, branched, ethoxylated (69011-36-5)	Biodegredation: >60% (672h OECD 301B)

12.3 Bioaccumulative potential:

Chemical name	Partition coefficent
2-octyl-2H-isothiazol-3-one	0.22

13 DISPOASAL CONSIDERATIONS

13. 1 Waste treatment methods:

Do not allow to enter drains or watercourses.
Dispose of according to all federal, state and local applicable regulations

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): Not available.
13.1.3 Hazardous waste:
Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU directive 91/689/EEC.

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 applicable.

14.3 Transport hazard class(es)

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

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
EU: 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. See sections 2 and 3 for details.

Germany: Storage class – 10

15.2 Chemical safety assessment:

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

16 OTHER INFORMATION

Full text of H-statements referred to under sections 2 and 3:
H302 – Harmful if swallowed
H311 – Toxic in contact with skin
H314 – Causes severe skin burns and eye damage
H317 – May cause an allergic skin reaction
H331 – Toxic if inhaled
H400 – Very toxic to aquatic life
H410 – Very toxic to aquatic life with long lasting damage
H312 – Harmful in contact with skin
H315 – Causes skin irritation
H318 – Causes serious eye damage
H335 – May causes respiratory irritation
H226 – Flammable liquid and vapour
H361f – Suspected of damaging fertility
H413 – May cause long lasting harmful effects to aquatic life

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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**

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