SAFETY DATA SHEET

Allcosil 30G FG

SECTION 1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:

Identification on the label/ Trade name: Allcosil 30G FG

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:

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

For further information please contact:

Contact point: Quality Manager
Email address: ja@allcocks.co.uk

All SDSs can be found on the relevant product page on the company website: www.allcocks.co.uk

1.4 Emergency telephone number

Emergency telephone: +44 (0)161 223 7181

SECTION 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.

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

Hazard Pictograms:

This product is not classified according to EU legislation.

Signal Word(s):

This product is not classified according to EU legislation.

Hazard Statement:

This product is not classified according to EU legislation.

Precautionary statement:

This product is not classified according to EU legislation.

2.3 Other hazards

Not available.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:

The product in question is a mixture.

Chemical name	EC No	CAS No	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight - %
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	No data available	Flam. Liq. (H226) Repr. 2 (H361f) Aquatic Chronic 4 (H413)	01 – 0.3
Dodecamethylcyclohexasiloxane	208-762-8	540-97-6	No data available	No data available	0.1 – 0.3
Decamethylcyclopentasiloxane	208-764-9	541-02-6	No data available	No data available	0.1 - 0.3

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

SECTION 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. Give nothing by mouth. 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.

SECTION 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, as it may scatter and spread fire

5.2 Specific Hazards arising from the substance or mixture:

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Carbon dioxide (CO_2), Carbon Monoxide and Nitrogen Oxides (NOx) can be formed when product undergoes combustion.

5.3 Advice for fire-fighters:

In event of fire and/or explosion do not breathe fumes. Use water spray jet to protect personnel and to cool endangered containers. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release run-off from fire to drains or watercourses.

SECTION 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.

SECTION 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 in this Safety Data Sheet.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Not applicable.

8.2 Exposure controls:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction.

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 EN 374

Skin/body protection: Suitable protective clothing (see above for gloves)

Respiratory protections: None under normal use conditions.

Environmental exposure controls: Local authorities should be advised if significant spillages cannot be contained.

SECTION 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
Evaporation rate:		Not available.
Flammability (soild,gas):		Not applicable.
Upper/lower flammability/explosive limits:		Not available.
Vapour pressure:	@ 50°C	≤ 1000 hPa
Vapour density:		Not available.
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
Specific Gravity	@20^oC	approx.. 1.008 g/cm^3
Water Solubility	@20^oC	100%

9.2 Other information:

SADT	Not available.

SECTION 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 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.

SECTION 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 2 and 3 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.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Octamethylcyclotetrasiloxane	= 1540 mg/kg (rat)	= 794 µl/kg (rabbit)	= 36 g/m^3 (rat) (4h)

Acute toxicity:
See above
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.

SECTION 12 ECOLOGICAL INFORMATION

There is no data available on the preparation itself. Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

12.1 Ecotoxicity:

Not available.

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.

SECTION 13 DISPOSAL 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.

SECTION 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.

SECTION 15 REGULATORY INFORMATION

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

15.1.1 EU Regulations
The product is not classified as dangerous according to Directive 1999/45/EC and its amendments. See sections 2 and 3 for details.
15.1.2 WGK hazard class
Slightly hazardous to water (WGK 1)
15.1.3 Storage Class
10
15.1.4 Europe inventory
All components are listed or
exempted. 15.1.5 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.

SECTION 16 OTHER INFORMATION

Issued by:
Allcosil Ltd.
SDS Issue No.:
WEB01
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**