SAFETY DATA SHEET

Allcosil 500

1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:
Identification on the label/ Trade name: Allcosil 500
1.2 Relevant Identified uses of the substance and uses advised against:
1.2.1 Identified uses:
Lubricant for industrial
purposes. 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 according to directive 67/548/EEC OR 1999/45/EC:
This substance is not classified as dangerous according to regulation (EC) 1272/2008[GHS]

2.2 Label Elements:
Hazard Pictograms:
Not applicable.
Signal Word(s):
Not applicable.
Hazard Statement:
Not applicable.
Precautionary statement:
Not applicable.

2.3 Other hazards
Not available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

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

None known based on information supplied.

Full text of H- and EUH- phrases; see section 16.

Acute Toxicity Estimate
No information available

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No.1907/2006 (REACH). Article 59.

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:
Not applicable.

4.3 Indication of any immediate medical attention and special treatment needed:
Not applicable.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing media:
Alcohol resistant foam carbon dioxide (CO_2), extinguishing powder, water mist.
5.1.2 Unsuitable extinguishing media:
Strong water jet.

5.2 Specific Hazards arising from the substance or mixture:

In case of fire may be liberated: Carbon dioxide (CO_2), carbon monoxide, nitrogen oxides (NOx).

5.3 Advice for fire-fighters:

Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers. Wear a self-contained breathing apparatus and chemical protective clothing.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Special danger of slipping by leaking/spilling product. See protective measures under point 7 and 8.

6.2 Environmental precautions:

In case of gas escape or of entry into waterway, soil or drains, inform the responsible authorities.

6.3 Methods of containment and cleaning up:

Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Damn up. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly. Use personal protective equipment as required.

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:

7.1.1 Protective measures:
Wear full protective clothing for prolonged exposure &/or high concentrations.
7.1.2 Advice on general occupational hygiene:
Maintain good standards of hygiene and work practices. When handling the material do not eat, drink or smoke. Wash hands before and after handling silicone.

7.2 Conditions for safe storage, including any incompatibilities:

Keep the packing dry and well-sealed to prevent contamination and absorption of humidity. Never use pressure to empty container. Storage class: 10

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:
To date, no national critical values exist.

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:

Physical state:		Liquid
Colour:		Clear
Odour:		Odourless
pH:		Not applicable.
Melting point/range (°C):		Not available.
Boiling point/range (°C):	@760 mmHg	> 150
Flash point (°C):		> 300 Open Cup > 120 Closed Cup
Evaporation rate:		Not applicable.
Flammability (soild,gas):		Not available.
Ignition temperature (°C):		> 400
Upper/lower flammability/explosive limits:		Not available.
Vapour pressure (hPa):	@ 20°C	< 0.1
Vapour density:		Not available.
Relative Density (g cm^{-3})	@ 25°C	0.97
Solubility:	@ 20°C	Insoluble in water
Auto-ignition temperature (°C):		> 400
Decomposition temperature (°C):		> 150
Viscosity (mm^2 s^{-1}, cSt):	@ 25°C	500

9.2 Other information:

Not available.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

No information available.

10.2 Chemical stability:

No information available.

10.3 Possibility of hazardous reactions:

No information available.

10.4 Conditions to avoid:

No information available.

10.5 Incompatible materials:

Exothermic reaction with Oxidising agent, Strong acid and Strong Alkali

10.6 Hazardous decomposition products:

Decomposition with: Carbon dioxide (CO_2), Carbon monoxide, Nitrogen oxides (NOx). If this product is heated to > 150 °C, trace quantities of formaldehyde may be release, and adequate ventilation is required.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity:

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Allcosil 200/500	>5000 mg/kg (Rat)	> 2000 mg/kg (Rat)	
Octamethylcyclotetrasiloxane	= 1540 mg/kg (Rat)	= 794 µL/kg (Rabbit)	= 36 g/m^3 (Rat) 4h

Skin corrosion/irritation:
Not applicable.
Serious eye damage/irritation:
Not applicable.
Respiratory or skin sensitization:
Not applicable.

Germ cell mutagenicity:
Not applicable.
Carcinogenicity:
Not applicable.
Reproductive toxicity:
Not applicable.
STOT- single exposure:
Not applicable.
STOT- repeated exposure:
Not applicable.
Aspiration hazard:
Not applicable.

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Acute (short-term) algae toxicity	Acute (short term) aquatic invertebrate toxicity	Chronic (long term) fish toxicity
IC50: > 100000 mg/l (72h Skeletonema costatum)	EC0: > 0.0001 mg/l (48h Daphnia magna)	NOEC: > 10000 mg/kg (672h Oncorhynchus mykiss)

12.2 Persistence and degradability:
No information available.

12.3 Bioaccumulative potential:
No information available.

12.4 Mobility in soil:
No information available.

12.5 Results of PBT and vPvB assessment
This substance does not meet the PBT/vPvB criteria of REACH, annex XIII

12.6 Other adverse effects:
The evaluation was carried out according to the calculation method of the preparation directive.

13 DISPOSAL CONSIDERATIONS

13. 1 Waste treatment methods:
Send to a hazardous waste incinerator facility under observation of official regulations.

13.2 Product/ Packaging disposal:
Clean IBCs or drums at approved facility only. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

14 TRANSPORT INFORMATION

14.1 UN-no:
No dangerous good in sense of this transport regulation.

14.2 Transport hazard class(es)

14.2.1 RID/ADR:
Not subject to ADR/RID.
14.2.2 IMDG:
Not subject to IMDG code.
14.2.3 IATA/ICAO:
Not subject to IATA regulations.

15 REGULATORY INFORMATION

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

15.1.1 Water hazard class (WGK):
Class: Slightly hazardous to water (WGK 1) **Storage Class: 10**

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.

15.2 Chemical safety assessment:
Chemical safety assessments for substances in this mixture were not carried out.

16 OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3:

H226 – Flammable liquid and vapour
H361f – Suspected of damaging fertility
H413 – May cause long lasting harmful effects to aquatic life

Issued by:
Allcosil Ltd.
SDS 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**