

# SAFETY DATA SHEET

## Allcosil 200/350 FG

Date: 05/2023

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### SECTION 1 IDENTIFICATION OF SUBSTANCE/MIXTURE AND THE COMPANY UNDERTAKING

#### 1.1 Product Identifier:

Identification on the label/ Trade name: Allcosil 200/350 FG

INCI Dimethicone  
Pure substance/mixture Substance

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

##### 1.2.1 Identified uses:

Lubricant - industrial purposes. 1.2.2

##### Uses advised against:

Not available

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

J. Allcock & Sons Ltd.,  
Textile Street,  
West Gorton,  
Manchester,  
M12 5DL.

Email: ja@allcocks.co.uk  
Tel: +44 (0)161 223 7181  
Fax: + 44 (0)161 223 0173

#### 1.4 Emergency telephone number

Emergency telephone +44 (0)161 223 7181

### SECTION 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.

### SECTION 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  $\geq 0.1\%$  (Regulation (EC) No.1907/2006 (REACH). Article 59.

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## SECTION 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 any contaminated clothes and shoes

**Eye contact:** If substance enters the eyes, immediately rinse with plenty of water for several minutes

**Ingestion:** Clean mouth with water and drink afterwards plenty of water

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

Symptoms                      None known.

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

Note to physicians              Treat symptomatically.

## SECTION 5 FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media:

#### 5.1.1 Suitable extinguishing media:

Alcohol resistant foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water mist. Cool containers with flooding quantities of water until well after fire is out.

#### 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<sub>2</sub>), carbon monoxide, nitrogen oxides (NO<sub>x</sub>).

### 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. Use personal protective equipment as required. Do not allow run-off from fire-fighting to enter drains or water courses

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

Special danger of slipping by leaking/spilling product. Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapour/spray. Evacuate personnel to safe areas. 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. Dam 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.

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## SECTION 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### 7.1.1 Protective measures:

Ensure adequate ventilation, especially in confined area. Do not breathe gas/fumes/vapour/spray. Wear full protective clothing for prolonged exposure and/or high concentrations. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### 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.

## SECTION 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 protective glove. To protect the wearer, gloves must be 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. For gloves see previous

**Respiratory protection:** None under normal conditions

### 8.3 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:

Physical state:		Liquid
Colour:		Clear
Odour:		Characteristic
pH:		Not applicable.
Melting point/Freezing range (°C):		approx.. -42
Boiling point/Boiling range (°C):	@760 mmHg	> 120
Flash point (°C):		> 120 Closed Cup
Evaporation rate:		Not applicable.
Flammability (solid, gas):		Not available.
Autoignition temperature (°C):		approx.. 410
Decomposition temperature (°C):		<250
Upper/lower flammability/explosive limits:		Not available.
Vapour pressure (hPa):	@ 50°C	< 1000
Vapour density:		Not available.
Specific Gravity (g cm <sup>-3</sup> )	@ 25°C	0.97
Solubility:	@ 20°C	Insoluble in water
Auto-ignition temperature (°C):		Not available.
Kinematic viscosity (mm <sup>2</sup> /s)	@ 25°C	350.0
Dynamic viscosity ( mPa s):	@ 25°C	335

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## 9.2 Other information:

Not available.

## SECTION 10 STABILITY AND REACTIVITY

### 10.1 Reactivity:

No information available.

### 10.2 Chemical stability:

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions:

None under normal processing.

### 10.4 Conditions to avoid:

None known based on information supplied

### 10.5 Incompatible materials:

Exothermic reaction with Oxidising agent, Strong acid and Strong Alkali

### 10.6 Hazardous decomposition products:

Decomposition with: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>). If this product is heated to > 150 °C, trace quantities of formaldehyde may be release, and adequate ventilation is required.

## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

#### Acute toxicity:

LD50 (Oral, Rat): > 15400 mg/kg

LD50 (Dermal, Rabbit): >2000 mg/kg

#### 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.

### 11.2 Other adverse effects:

Product may emit formaldehyde vapour at temperatures above 150°C in the presence of air. Formaldehyde vapour is a suspected carcinogen, toxic by inhalation and irritating to eyes and the respiratory system. Exposure limits should be strictly respected.

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## SECTION 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity:

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

#### Product Information:

#### Acute (short term) algae toxicity:

EC50	No information available
EC0	No information available
IC50	No information available
IC0	No information available
ErC50	No information available
EbC50	No information available

#### Acute (short term) fish toxicity:

LC50	No information available
LC0	No information available
EC50	No information available
EC0	No information available

#### Acute (short term) aquatic invertebrate toxicity:

EC50	>200 mg/l (48hr) – Daphnia magna
EC0	No information available

#### Chronic (long term) algae toxicity:

NOEC	No information available
LOEC	No information available

#### Chronic (long term) fish toxicity:

NOEC	>10000 mg/kg (672hr) – Oncorhynchus mykiss
LOEC	No information available

#### Chronic (long term) aquatic invertebrate toxicity:

NOEC	No information available
LOEC	No information available

### 12.2 Persistence and degradability:

No information available.	
Biodegradation	No information available
BOD	No information available
ThCO <sub>2</sub>	No information available
DOC	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 is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

### 12.6 Other adverse effects:

The evaluation was carried out according to the calculation method of the preparation directive.

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### SECTION 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.

### SECTION 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.

### SECTION 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 (WGK1)

Storage Class: 10

##### 15.1.2 International Inventories

All of the components in the product are on the following lists: TSCA (United States), EINECS/ELINCS/NLP (Europe)

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.

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

#### 15.2 Chemical safety assessment:

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

### SECTION 16 OTHER INFORMATION

#### Issued by:

J. Allcock & Sons Ltd.

#### SDS No.:

WEB01

#### Date:

05/2023

For any further information please contact **J. Allcock & Sons 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. J. Allcock & Sons 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: 05/2023**

