

SAFETY DATA SHEET

Allcosil 200/350 FG

Date: 06/2019

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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.

3.2 Ingredients:

Substance Name	% by weight
Polydimethylsiloxane silicone oil	100

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59): $\geq 0.1 - 3\%$ Octamethylcyclotetrasiloxane (556-67-2), Decamethylcyclopentasiloxane (541-02-6) & Dodecamethylcyclohexasiloxane (540-97-6)

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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 (CO₂), 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 (CO₂), carbon monoxide, nitrogen oxides (NO_x).

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 ⁻³)	@ 25°C	0.97
Solubility:	@ 20°C	Insoluble in water
Auto-ignition temperature (°C):		Not available.
Kinematic viscosity (mm ² /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 (CO₂), Carbon monoxide, Nitrogen oxides (NO_x). 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 ₂	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.

MSDS No.:

WEB01

Date:

06/2019

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: 06/2019**

