

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Swansil Silicone Fluid

Other identification: Applies to all viscosity grades from 5cSt to 60,000cSt

1.2 Relevant identified uses of the substance or mixture and uses advised against

Silicone fluid

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

This product has no classification under CLP.

2.2 Label elements

Hazard pictograms: (none)

(none)

(none)

(none)

Signal word: (none)

Hazard statements: None

Precautionary statements: None

Other label elements: None

2.3 Other hazards

This product is not identified as a PBT/vPvB substance.

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Polydimethylsiloxane

CAS number: 63148-62-9

Content: > 60%

Classification: Not classified under CLP

Section 4: First aid measures

4.1 Description of first aid measures

General:

Inhalation: Consult a doctor.

Ingestion: Wash out mouth with water.

Skin: Wash immediately with plenty of soap and water.

Eye: Bathe the eye with running water for 15 minutes.

4.2 Most important symptoms and effects, both acute and delayed

General: Effects may be delayed. Keep affected person under observation.

Inhalation: No symptoms.

Ingestion: There may be irritation of the throat.

Skin: There may be mild irritation at the site of contact.

Eye: There may be irritation and redness.

4.3 Indication of any immediate medical attention and special treatment needed

No specific recommendations.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. In case of spills, beware of slippery floors and surfaces.

6.4 Reference to other sections

Refer to section 8 of SDS.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses.

7.2 Conditions for safe storage, including any incompatibilities

Avoid contact with oxidising agents. Store in closed original container at temperatures between 0°C and 40°C.

7.3 Specific end use(s)

No data available.

Section 8: Exposure controls / personal protection

8.1 Control parameters

No data available.

8.2 Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

State	Liquid
Colour	Colourless
Odour	Odourless
Boiling point/range	> 35°C

Flash point	> 93°C
pH	Approx 7
Density	0.91 to 0.98 (varies by grade)
Viscosity	Varies by grade - see product name

9.2 Other information

No data available.

Section 10: Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicity values: No data available.

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Negligible ecotoxicity.

Section 13: Disposal considerations

13.1 Waste treatment methods

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

General

This product does not require a classification for transport.

14.1 UN Number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not applicable

Section 15: Regulatory information

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

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16: Other information

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.