

# Silicone Fluid 50cs

A clear linear polydimethylsiloxane fluid

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product Name:** Silicone Fluid 50cs  
**Chemical Name:**  
**Supplier:** Jacobson Chemicals Ltd  
 Jacobson House  
 The Crossways  
 Churt  
 Nr Farnham  
 Surrey GU10 2JD  
**Telephone:** 01428 713637  
**Fax:** 01428 712835  
**E-mail:** sales@jacobsonchemicalsltd.co.uk

## 2. COMPOSITION

**Substance:** N/a  
**Substance Name:** N/a  
**EC Index No:** N/a  
**CAS Number:** N/a  
**EEC Number:** N/a

<u>Constituents</u>	<u>Range</u>	<u>Haz Synt</u>	<u>Risk</u>
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No hazardous ingredients

This is a low hazard material which, other than being a slip hazard on spillage, presents no significant hazard to the user.

## 3. HAZARD IDENTIFICATION

**The most important hazards are:** Irritant to eyes, low systemic toxicity if ingested.  
**Inhalation:** Not a significant hazard  
**Skin Contact:** Not a significant hazard  
**Eye Contact:** Irritant  
**Ingestion:** Low systemic toxicity

## 4. FIRST AID MEASURES

**Immediate medical attention:** N/a  
**Professional assistance from physician required?** N/a  
**Inhalation:** Treat symptomatically.  
**Skin Contact:** Remove soiled clothing and wash the affected area with soap and water.  
**Eye Contact:** Wash the affected eye(s) immediately with clean cold water or eyewash and irrigate for at least 15 minutes. Seek medical attention immediately.  
**Ingestion:** Give water or milk to drink. Do not induce vomiting. Treat symptomatically.

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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## 5. FIRE-FIGHTING MEASURES

<b>Extinguishing media:</b>	Carbon dioxide, foam, dry chemical powder or fine water spray.
<b>Special protective equipment:</b>	Suitable respiratory equipment.
<b>Exposure Hazards:</b>	Silicon dioxide is produced during combustion along with the normal oxidation products of carbon compounds.

## 6. ACCIDENTAL RELEASE MEASURES

This product will spread quickly over surfaces if spilled. Should the container be ruptured, spillages should be contained and absorbed onto sand, earth, sawdust or commercial oil absorbent and swept into containers for disposal. See '13 Disposal Considerations.

## 7. HANDLING & STORAGE

The product should be kept in closed containers to prevent contamination.

## 8. EXPOSURE CONTROLS

<b>Take measures to prevent:</b>	N/a
<b>Exposure to control limits:</b>	N/a
<b>Respiratory protection:</b>	Ensure adequate ventilation.
<b>Hand Protection:</b>	Gloves recommended.
<b>Eye Protection:</b>	Protective eyewear recommended for use with any industrial product.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid
<b>Odour:</b>	Almost odourless
<b>Colour:</b>	Clear, colourless
<b>Flammability:</b>	Not classified as flammable
<b>Viscosity at 25°C, mm<sup>2</sup>s<sup>-1</sup>:</b>	47 - 52
<b>Relative density:</b>	0.963
<b>Flash Point:</b>	63°C
<b>Dispersability:</b>	Soluble in aromatic and chlorinated hydrocarbons solvents. Insoluble in water and low alcohols.

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## 10. STABILITY & REACTIVITY

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<b>Conditions to avoid:</b>	None known
<b>Materials to avoid:</b>	Water
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide, silicon dioxide.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Acute oral LD50 (mg/kg):</b>	Greater than 10,000 mg/kg
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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicological Information:</b>	Not known to be environmental problem.
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## 13. DISPOSAL CONSIDERATIONS

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Disposal is normally achieved by burial on an approved site or by burning under controlled conditions. Customers outside of U.K. legislation should consult their own local authorities.

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## 14. TRANSPORT INFORMATION

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<b>Special carriage precautions in carriage:</b>	None
<b>Classification data:</b>	None
<b>UN Number:</b>	None
<b>Proper Shipping Name:</b>	None
<b>Additional Data:</b>	None hazardous for transport
<b>IMO - Sea:</b>	None
<b>ICAO - Air:</b>	None
<b>ADR - Road:</b>	None
<b>Transport Category:</b>	None

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## 15. REGULATORY INFORMATION

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<b>Supply label information:</b>	None
<b>Hazard Symbol:</b>	None
<b>Risk Phrases:</b>	None
<b>Safety Phrases:</b>	None

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## 16. OTHER INFORMATION

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| a) <b>Training needs:</b>                    | For further information contact our office.   |
| b) <b>Recommended uses and restrictions:</b> |   |
| c) <b>Further references:</b>                |   |
| d) <b>Key data sources:</b>                  | HSE - EH40/93: Occupational exposure limits 1993.<br>HSC - Safety Data Sheets for substances and preparations dangerous for supply.<br>Suppliers Health & Safety. |

The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

**NOTE:**

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.