

**SAFETY DATA SHEET**  
**GLOBAL SILICONE FLUID GL5 & GL10**  
**10119**  
**SAFETY DATA SHEET Ref No. 10119**

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>GLOBAL SILICONE FLUID GL5 &amp; GL10</b>
<b>Manufacturer/Supplier</b>	Global Lubricants Limited
<b>Address</b>	7 Sandwell Business Development Centre, Oldbury Rd, Smethwick, West Midlands, B66 1NN, England
<b>Phone Number</b>	+44 (0) 121 544 3638
<b>Fax Number</b>	+44 (0) 121 544 3638
<b>Emergency Phone Number</b>	+44 (0) 410 754382

**2. COMPOSITION/INFORMATION ON THE COMPONENTS**

**Composition / Information on Ingredients**

1. polydimethyl siloxane	100% w/w
--------------------------	----------

**3. HAZARD IDENTIFICATION**

<b>Nature of hazard:</b>	Not classified as hazardous
--------------------------	-----------------------------

**4. FIRST AID MEASURES**

<b>First Aid - Eyes</b>	Irrigate eyes with water for 15 mins. Any irritation will be temporary.
<b>First Aid - Skin</b>	Wash with soap and water
<b>First Aid - Ingestion</b>	If unwell seek medical assistance.
<b>First Aid – Inhalation</b>	N/A

**5. FIRE-FIGHTING MEASURES**

<b>Extinguishing media:</b>	Carbon dioxide, foam, water spray, dry chemical powder.
<b>Unusual fire / explosion hazards:</b>	None

**6. ACCIDENTAL RELEASE MEASURES**

**Spilt material will create a slip hazard.**

**Absorb onto sand or earth and place into drums for disposal.**

## 7. HANDLING AND STORAGE

Technical protection measures	No special precautions required
Protection against fire and explosion	No special precautions required

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection	Avoid breathing vapours
Hand protection	Wear rubber gloves
Eye protection	Wear safety goggles
Skin protection	Wear overalls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

	<u>GL5</u>	<u>GL10</u>
Colour	Colourless	Colourless
Odour	None	None
Solubility in water	0 g/litre @ 20 <sup>0</sup> C	0 g/litre @ 20 <sup>0</sup> C
Form	Liquid	Liquid
Setting point	<-65 <sup>0</sup> C	<-80 <sup>0</sup> C
Boiling point	>200 <sup>0</sup> C	>200 <sup>0</sup> C
Specific gravity	0.93 @ 20 <sup>0</sup> C	0.93 @ 20 <sup>0</sup> C
Vapour pressure		
Viscosity	5 mm <sup>2</sup> / sec @ 25 <sup>0</sup> C	10 mm <sup>2</sup> / sec @ 25 <sup>0</sup> C
Flash point	>110 <sup>0</sup> C	>165 <sup>0</sup> C
Ignition temperature	approx 450 <sup>0</sup> C	approx 400 <sup>0</sup> C

## 10. STABILITY AND REACTIVITY

Conditions to avoid	None
Materials to avoid	Strong oxidising agents
Hazardous decomposition products	Silicon oxides formed on burning

## 11. TOXICOLOGICAL INFORMATION

Eyes	May cause temporary irritation
Ingestion	Product has very low toxicity Acute LD <sub>50</sub> >5000 mg/kg (rat)

## 12. ECOLOGICAL INFORMATION

Biodegradability	Non biodegradable
Aquatic toxicity	Low
COD	Not known

### **13. DISPOSAL**

**Incinerate or send to approved landfill**

### **14. TRANSPORT INFORMATION**

**UN No:**

**IMDG**

**IATA**

**ADR/RID**

**Other:** Not classified as hazardous

### **15. REGULATORY INFORMATION**

**Supply classification**

Not classified as hazardous

### **16. OTHER INFORMATION**

**All information, recommendations, and systems appearing in this literature concerning the use of products are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of the product described herein. Since the actual use by others is beyond control of Global Lubricants Ltd, no guarantees expressed or implied are made by Global Lubricants Ltd as to the effect of such use or the results to be obtained, nor do Global Lubricants Ltd assume any liability arising out of use by others of the product referred to herein, nor is the information herein to be construed as absolutely complete since additional information may be necessary to desirable when particular or exceptional conditions exist or because of applicable laws or Government Regulation.**