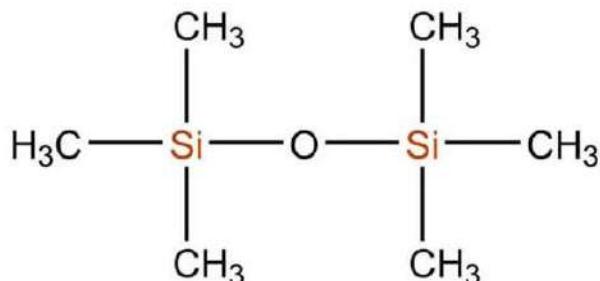


# Silico® MF2010-1

## PDMS Silicone Fluid 1 cSt

**Brand:** Silico®

### 1. Chemical Structure



### 2. Product Description

Silico® 1 cSt Low Viscosity is a high-performance volatile silicone fluid for modern personal care formulations. With an ultra-low viscosity of 1 cSt, it provides excellent spreadability and a smooth, silky, non-greasy feel.

Its fast evaporation makes it an effective alternative to cyclomethicone and other volatile carriers, ideal for lightweight, quick-drying skincare and haircare products. Silico® 1 cSt also improves application uniformity, helping active ingredients distribute evenly for enhanced performance.

### 3. Typical Physical & Chemical Properties

Property	Specification
CAS No.	107-51-7
EINECS No.	203-492-7
Chemical Formula	C <sub>6</sub> H <sub>18</sub> OSi <sub>2</sub>
Molecular Weight	162.38 g/mol
Boiling Point	99 °C (at 760 mmHg)
Flash Point	-1 °C
Kinematic Viscosity	1 cSt (at 25 °C)
Appearance	Clear, colorless liquid
Color (APHA)	≤ 10
Density	0.764 g/cm <sup>3</sup> (25/25 °C)
Refractive Index	1.3774 (at 20 °C)
Purity	≥ 99.0%

### 3. Typical Applications

- Face and body lotions, facial cleansers, sunscreens
- BB / CC creams and foundations
- Leave-in hair care products, hair styling formulations
- Antiperspirants, deodorants, quick-dry personal sprays
- Bath and shower products, nail care formulations

### 4. Storage & Shelf Life

Silico® MF2010-1 fluid is supplied in 150 kg steel drums. When stored in its original, unopened packaging at ambient temperature, the product offers a shelf life of 24 months from the date of manufacture. It does not freeze and has no special storage restrictions. For optimal product stability, store in sealed containers at room temperature, protected from direct sunlight and moisture.

### 5. Disclaimer

The information in this Technical Data Sheet is based on laboratory tests and practical experience and is for guidance only. Users should verify suitability for their specific applications. Data may be updated as technology advances. No warranty is implied regarding fitness for a particular purpose, and we disclaim liability for any incidental or consequential damages.

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