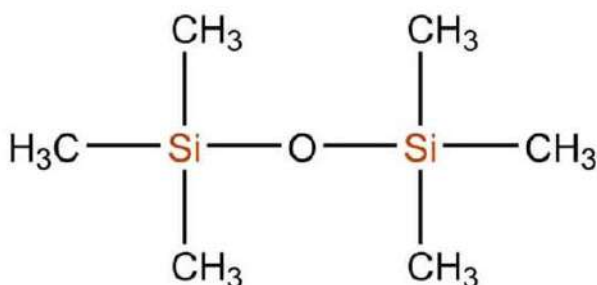


# Silico® PC2010-5

## PDMS Silicone Fluid 5 cSt

**Brand:** Silico®

### 1. Chemical Structure



### 2. Product Description

Silico® PC12010-5 is a linear polydimethylsiloxane designed for cosmetic and personal care applications. It is colorless, odorless, non-toxic, and non-irritating, making it suitable for direct skin contact.

With excellent skin affinity, it provides a silky-smooth, lightweight feel and improves the spreadability of skin care formulations. When used as a carrier, Silico® PC12010-5 helps enhance the performance and long-lasting effect of active ingredients on the skin.

### 3. Typical Physical & Chemical Properties

Property	Specification
CAS No.	63148-62-9
Appearance	Colorless transparent liquid
Viscosity (cSt)	4.0-6.0
Specific gravity (25°C)	0.90-0.92
Refractive Index (25°C)	1.394-1.3975
Flash Point	>120°C
D4 Content	<0.1%
D5 Content	<0.1%
D6 Content	<0.1%

### 3. Typical Applications

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

### 4. Storage & Shelf Life

Silico® PC12010-5 is supplied in 20 kg pails or 180 kg steel drums. When stored in the original, unopened packaging under cool and dry conditions at room temperature, the product has a shelf life of up to two years.

### 5. Disclaimer

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: [info@silicorex.com](mailto:info@silicorex.com).