

SiSiB® PC19781 Volatile Silicone Fluids

INCI NAME Isododecane (and) Isohexadecane (and) Dimethicone

INTRODUCTION SiSiB® PC19781 is a volatile blend of low-viscosity linear dimethicone and isoparaffins, specifically isododecane and isohexadecane. It exhibits a volatility rate comparable to cyclopentasiloxane (D5), offering excellent spreading performance, non-greasy feel, and enhanced sensory properties.

SiSiB® PC19781 provides outstanding compatibility with cosmetic oils and pigments, making it an ideal carrier for a wide range of personal care formulations.

- ADVANTAGES**
- Low surface tension and excellent spreading
 - Volatile profile similar to D5
 - Non-greasy, silky skin feel
 - Excellent compatibility with oils, esters, and sunscreens
 - Improves pigment dispersion and spreading in color cosmetics
 - Enhances formulation comfort by reducing tackiness
 - Suitable as a carrier base for active ingredients D4, D5 < 0.1%

PHYSICAL PROPERTIES

Appearance	Colorless clear liquid
Specific gravity (25°C)	0.77
Viscosity (25°C, cP)	1.0-3.0
Refractive Index (25°C)	1.4180-1.4280
D4 content (%)	<0.1
D5 content (%)	<0.1

BENEFITS & APPLICATIONS

SiSiB® PC19781 is widely used as a carrier and base fluid in a variety of personal care products, including:

- Antiperspirants and deodorants
- Hair sprays and styling products
- Skin care creams, lotions, and serums
- Bath oils, cleansing products, and shaving products
- Sunscreens and after-sun products
- Color cosmetics, including foundations, lipsticks, and nail polishes

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USAGE GUIDELINE

It is recommended to conduct a preliminary test to determine the optimal dosage.

SiSiB® PC19781 can be directly incorporated into formulations. Due to its volatility, it is recommended to formulate at room temperature to minimize evaporation loss. Short-term heating is permissible if necessary.

PACKING

SiSiB® PC19781 is available in 190Kg drum.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

When stored at temperatures between 10°C and 35°C in the original unopened containers, SiSiB® PC19781 has a shelf life of 36 months from the date of production.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

NOTE

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.

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