

SiSiB® PC19783 Volatile Silicone Blend

INCI NAME

Dimethicone (and) Isohexadecane (and) Isododecane

INTRODUCTION

SiSiB® PC19783 is a blend of low-viscosity linear silicone fluids and isoparaffins. It shows volatility, spreadability, and surface tension similar to D5, making it suitable as an alternative in personal care formulations.

It provides a light, non-greasy skin feel and leaves the skin soft and smooth after application. The product is compatible with a wide range of cosmetic ingredients and can be used as a base fluid or carrier in various formulations.

FEATURES & BENEFITS

- Similar volatility, spreadability, and sensory profile to D5
- Light, refreshing, non-greasy feel
- Excellent compatibility with cosmetic ingredients
- Reduces stickiness and improves spreadability
- Suitable as a carrier or base fluid
- D4, D5, D6 content below 0.1%

PHYSICAL PROPERTIES

Appearance	Colorless clear liquid
Specific gravity (25°C)	0.76-0.80
Viscosity (25°C, cP)	1.0-3.0
Refractive Index (25°C)	1.4070-1.4170
Surface tensionm mN/m (25°C)	18.8

These values are typical and are not intended for use as specifications.

APPLICATIONS

SiSiB® PC19783 is suitable for a wide range of personal care formulations where a light, volatile base fluid is required. It can be used as a carrier or base oil to improve spreadability and sensory properties.

It is commonly used in antiperspirants, deodorants, hair sprays, cleansing products, make-up removers, creams, lotions, serums, bath oils, sunscreens, shaving products, and color cosmetics such as foundations and nail varnishes.

USAGE GUIDELINE

SiSiB® PC19783 can be incorporated into formulations using standard

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mixing procedures. It may be added directly to the oil phase.

Due to its volatility, processing at low temperature is recommended to minimize evaporation loss. Short heating may be applied if necessary.

PACKING

SiSiB® PC19783 is available in 20Kg plastic 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

In the original unopened packaging, SiSiB® PC19783 has a shelf life of 36 months in a dry and cool place.

LIMITATIONS

The product is untested or unstated to be edible, for medical or pharmaceutical use.

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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