

SiSiB® PC19785 Volatile Dimethicone Fluid

INCI NAME

Dimethicone

INTRODUCTION

SiSiB® PC19785 is a low-viscosity, volatile linear polydimethylsiloxane fluid for personal care formulations. It spreads readily and provides a light, smooth, non-greasy feel, serving as a sensory modifier and carrier in oil-containing systems.

ADVANTAGES

- Promotes easy, even spreading
- Provides a smooth, light, non-greasy feel
- Offers water-repellent characteristics
- Serves as a low-viscosity oil-phase carrier
- Mixes with selected cosmetic oils and esters

PHYSICAL PROPERTIES

Appearance	Colorless to yellowish clear liquid
Viscosity (25°C, cP)	1.5 - 4.0
Specific gravity (25°C)	0.83 - 0.92
Refractive index (25°C)	1.3850 - 1.3975

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

BENEFITS & APPLICATIONS

SiSiB® PC19785 is used in skin care products such as creams, lotions and body oils to provide a light, smooth finish. It is also suitable for color cosmetics, including liquid foundations, and oil-based hair treatments. Further applications include selected sunscreen, antiperspirant and deodorant formulations.

USAGE GUIDELINES

SiSiB® PC19785 can be added directly to the oil phase and mixed until uniform. To minimize evaporation, the addition temperature should not exceed 50°C. For oil-in-water (O/W) emulsions, an emulsifier system with an HLB of 10–11 may be used as a starting point. Adjust the dosage according to formulation requirements.

PACKING

SiSiB® PC19785 is supplied in 20 kg plastic drums and 170 kg steel drums.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data

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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

Keep the container tightly closed and store at room temperature in a cool, dry and well-ventilated place. Protect against moisture and contamination by acids, alkalis or other impurities. SiSiB® PC19785 has a shelf life of 24 months from the date of manufacture in the original unopened packaging.

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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