

SiSiB® PC19597 Silicone Emulsifier

INCI NAME Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone

INTRODUCTION SiSiB® PC19597 is a lipophilic polyether-polydimethylsiloxane with excellent W/Si and W/O emulsibility, good emulsibility for silicone oil and non-silicone oil, and excellent dispersing ability for powder materials.

- ADVANTAGES**
- Alkyl polyether polydimethylsiloxane
 - Excellent W/Si, W/O emulsibility and emulsion stability
 - Easy to emulsify and low operating temperature
 - Silky and non-sticky skin feel
 - Good emulsibility for silicone oil and non-silicone oil

PHYSICAL PROPERTIES

Appearance	Transparent to translucent liquid
Color	Colorless to yellowish
Refractive index	1.4250-1.4350
Specific gravity (25°C)	0.90-0.95
Viscosity (cSt, 25°C)	400~800

BENEFITS & APPLICATIONS

SiSiB® PC19597 can be used in a wide range of personal care applications such as skin care, color cosmetics, sun care and etc.

How to use:

Slowly add the water phase into the oil phase, and then stir the mixture quickly till uniform. Speeding up the stirring can improve the stability of the emulsion system.

Stir the oil and emulsifier thoroughly before adding water to emulsify.

If all the ingredients are liquid, it can be emulsified at room temperature without homogenizer and the emulsion can be stable by quick stirring.

Electrolytes, preferably NaCl at a level of 0.5%-2% should be added to the water phase to attain storage stability. Adding some antifreeze agents such as propanediol and glycerin can improve the antifreeze effect of the finished product. Increasing the water proportion can improve viscosity of the system.

RECOMMENDED DOSAGE

The recommended usage level of this product is no more than 2.6% (according to the total amount of the formulation).

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PACKING

SiSiB® PC19597 is supplied in 20Kg plastic pail or 180Kg steel 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® PC19597 has a shelf life of 18 months in a dry and cool place at room temperature.

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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