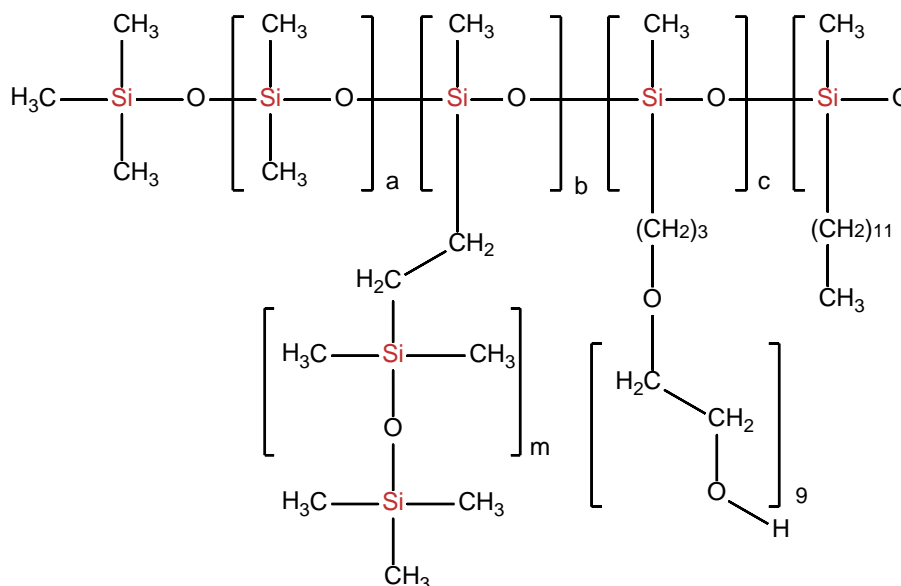


SiSiB® PC19594 Silicone Emulsifier

INCI NAME

Lauryl PEG-9 Polydimethylsiloxylethyl Dimethicone

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC19594 is a lipophilic polyether-polydimethylsiloxane which has excellent W/Si and W/O emulsibility. It has good emulsibility for silicone oil and non-silicone oil, and excellent dispersing ability for powder materials. The product has slight characteristic odor.

ADVANTAGES

- Alkyl polyether polydimethylsiloxane
- Excellent W/Si, W/O emulsibility
- 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	1.4300-1.4500
Specific gravity (25°C)	0.95-1.00
Viscosity (cSt, 25°C)	500~2500

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BENEFITS & APPLICATIONS

SiSiB® PC19594 can be used in a wide range of personal care applications such as skin care, color cosmetics and sun care and so on.

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, emulsification can be operated at room temperature without homogenizer. Quick stirring can attain stable emulsion.

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 1%-5% when it's used as major emulsifier, and 0.1%-1.5% as auxiliary emulsifier (according to the total amount of the formulation).

PACKING

SiSiB® PC19594 is supplied in 20Kg plastic pail or 200Kg 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® PC19594 has a shelf life of 24 months in a dry and cool place at room temperature.

LIMITATIONS

In the original unopened packaging, SiSiB®PC19594 has a shelf life of two years in a dry and cool place at room temperature.

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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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