

## SiSiB® PC19598 Silicone Emulsifier

**INCI NAME** Lauryl PEG-8 Dimethicone

**INTRODUCTION** SiSiB® PC19598 is polyether-modified silicone oil, which contains different types of polyether chains in its structure. SiSiB® PC19598 has strong emulsifying properties and can emulsify dimethyl silicone oil and various modified silicone oils in a wide viscosity range when used alone. The resulting emulsion has high stability and is an ideal emulsifier for Si/W formula.

**ADVANTAGES**

- Main emulsifier for O/W emulsions
- Excellent emulsifying ability, no need to mix with other emulsifiers to achieve good emulsifying effect
- Wide viscosity range of continuous silicone oil phase that can be emulsified
- Suitable for cosmetics

**PHYSICAL PROPERTIES**

Appearance	Transparent to translucent liquid
Color	Colorless to yellowish
Refractive index	1.4300-1.4500
Specific gravity (25°C)	1.00-1.04
Viscosity (cSt, 25°C)	2000~4000

**BENEFITS & APPLICATIONS**

SiSiB® PC19598 is mainly used in O/W silicone emulsion formulation. For example, it can emulsify Dimethicone, Phenylmethicone, Hydroxyl silicone oil, Amido Dimethicone, Alkyl Dimethicone, etc, to obtain stable low-viscosity O/W silicone emulsions.

How to use:

Mix SiSiB® PC19598 with silicone oil and stir well to form a uniform system. Add a small amount of water to this system at a time and stir well. It can reach an initial emulsion like cream. Then continue to add water. At this stage, the amount of water should be adjusted according to the formula. Add water slowly while stirring. A stable silicone emulsion can be obtained.

**RECOMMENDED DOSAGE**

The recommended dosage is 2~10% (according to the total amount of the formulation).

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### PACKING

SiSiB® PC19598 is supplied in 50Kg 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® PC19598 has a shelf life of 24 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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