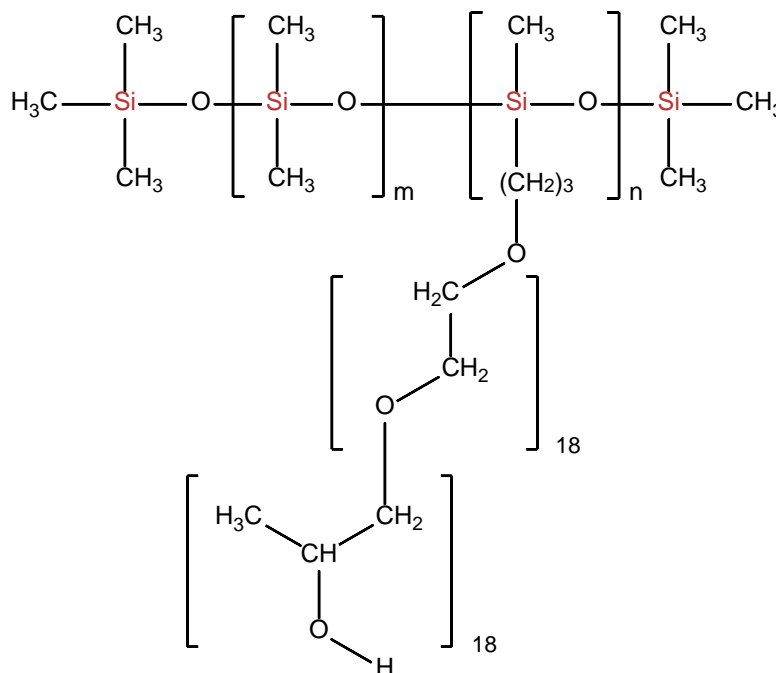


# SiSiB® PC19587 Silicone Emulsifier

## INCI NAME

Cyclopentasiloxane (and) PEG/ PPG-18/18 Dimethicone

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB® PC19587 is a dispersion of high molecular weight silicone polyether in cyclopentasiloxane, which is an ideal material specifically for water-in-volatile silicone formulations. In addition, this product can make non-polar ingredients in the external silicone phase and polar ingredients in the internal aqueous phase as a dispersion aid for both non-polar and polar ingredients.

## ADVANTAGES

- Cyclomethicone and dimethicone copolyol
- An excellent formulation aid as dispersion for emollients, moisturisers, sunscreens and antiperspirants
- Good stability in w/o formulations
- Making w/o emulsion more clear

## PHYSICAL PROPERTIES

Appearance	Light milky-white translucent fluid
Specific gravity (25°C)	0.930-0.970
Viscosity (cSt, 25°C)	40-125

## SiSiB® PC19587 Silicone Emulsifier

Solid content (% , w/w)	10-14
Flash point (°C)	75

### BENEFITS & APPLICATIONS

SiSiB® PC19587 can be used in a wide range of personal care applications such as color cosmetics, skin care, sun care and antiperspirants and deodorants.

How to use:

Add the water phase slowly to the oil phase using a high-speed mixer to enhance the stability of W/O emulsion. Increasing the viscosity by increasing the proportion of water phase.

Stir the product before use.

Use a homogeniser to stabilize the product further.

Electrolytes, preferably NaCl at a level of 1-2% should be added to the water phase to ensure long-term stability.

The emulsion can be made at ambient temperature if the formulation is free from solid ingredients.

### RECOMMENDED DOSAGE

The recommended usage level of this product is 4%-12%.

### PACKING

SiSiB® PC19587 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® PC19587 has a shelf life of 12 months in a dry and cool place at room temperature.

### LIMITATIONS

This product is neither tested nor represented as suitable for medical or

## SiSiB<sup>®</sup> PC19587 Silicone Emulsifier

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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