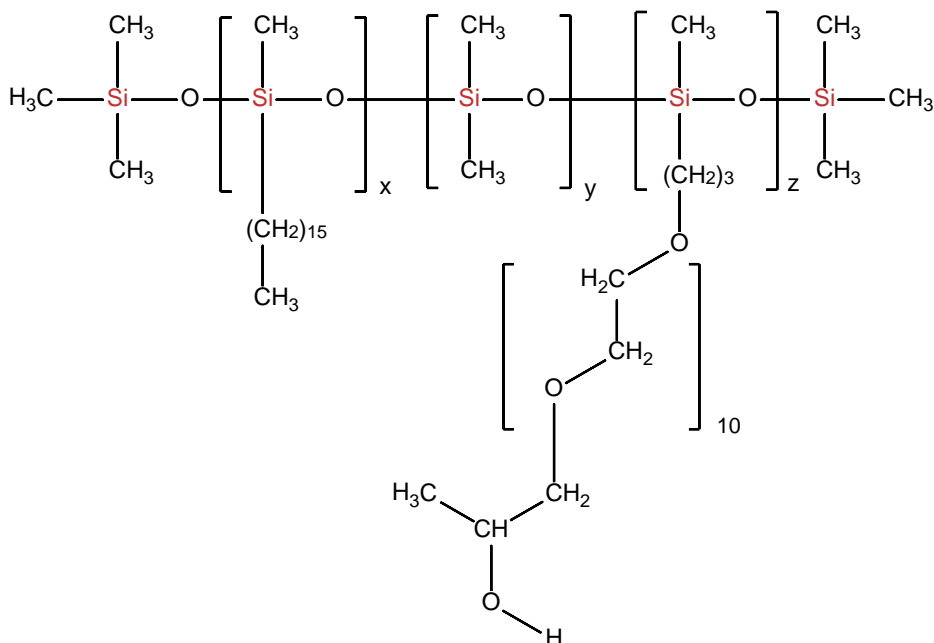


SiSiB[®] PC19590

Silicone Emulsifier

Cetyl PEG/PPG-10/1 Dimethicone

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC19590 is an excellent non-ionic silicone based W/O emulsifier.

ADVANTAGES

- Excellent emulsifiability, water-resistance
- Emulsions with high heat and freeze stability
- Feeling fresh instead of oily
- Formulations with all kinds of cosmetic oils
- Good compatibility with active ingredients

TYPICAL PHYSICAL PROPERTIES

Color	Colorless to light yellow
Appearance	Transparent or translucent liquid

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Density (25°C)	0.915~0.945
Refractive index (25°C)	1.4370-1.4430
Viscosity (cSt, 25°C)	900~3,000
Volatile (105°C, 2h)	Max.5.0%
HLB value	4.5

APPLICATIONS

SiSiB[®] PC19590 is suitable for the formulation of W/O creams and lotions.

Substances which can be processed include not only paraffin oils, which from the emulsion technological point of view provide relatively few problems, but also fatty acid esters of short- and long-chain alcohols, silicone derivatives and vegetable triglycerides which are known to be difficult to emulsify.

The optimum range for the content of oil phase is between 20 and 35%.

SiSiB[®] PC19590 can be used for the preparation of multiple emulsions of the type W/O/W and O/W/O.

□ Recommend Dosage:

The recommended usage level of this product is 0.1%-10%.

PACKING AND STORAGE

SiSiB[®] PC19590 is supplied in 18Kg plastic pail or 180Kg steel drum.

In the original unopened packaging, SiSiB[®]PC19590 has a shelf life of two years in a dry and cool place at room temperature.

NOTES

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.

We specifically disclaim any other express or implied warranty of fitness for a particular

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purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: support@SiSiB.com.