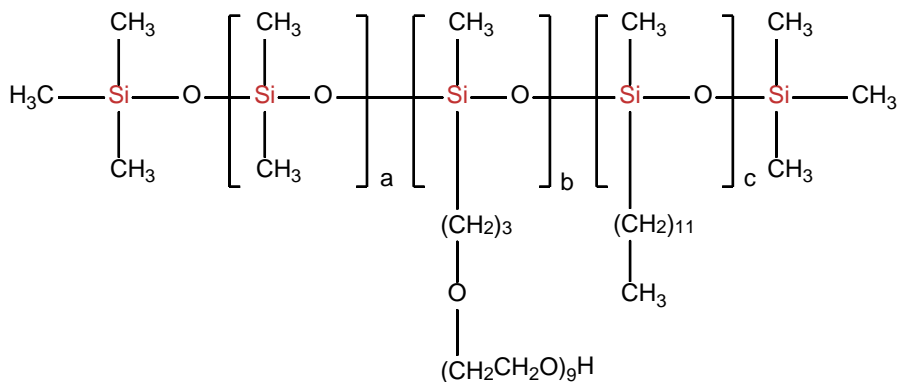


SiSiB[®] PC19588

Formulation Aids

INCI: Lauryl PEG-9 Dimethicone

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB®PC19588 is polyether-modified silicone oil, of which the structure contains different kinds of polyether chains. This product is safe and non-toxic and it has excellent emulsifying performance. A wide range of viscosities of PDMS and other types of modified silicone emulsions can be achieved very easily, without mixing with other emulsifiers, and the emulsions made will be very stable. This product is an ideal Si/W silicone emulsifier.

ADVANTAGES

Silicone Surfactant

Main emulsifier for O/W emulsion

Excellent emulsifying ability; achieving good emulsifying effect without mixing with other emulsifiers

Wide viscosity range of emulsified continuous oil phase

Safe and non-toxic; applied for cosmetics

TYPICAL PHYSICAL PROPERTIES

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Appearance	Light yellow or brown translucent liquid
Refractive Index (25°C)	1.43~1.45
Specific gravity (25°C)	1.00~1.02
Cloud point (°C)	33~44

APPLICATIONS

SiSiB®PC19588 can be used in O/W silicone emulsion formulation as an emulsifier. For example, it can emulsify Dimethicone, Phenylmethicone, Hydroxyl silicone oil, Amido Dimethicone, Alkyl Dimethicone etc and achieve stable low-viscosity O/W silicone emulsions.

How to use:

SiSiB® PC19588 can be mixed and silicone oil and stir until uniform firstly then add a small amount of water at one time into the uniform and stir. It can achieve the initial emulsion like cream. Then continue to add water. At this stage, the amount of water should be adjusted according to the formulation. Add water gradually and stir at the same time. The stable silicone emulsion can be achieved.

Recommend Dosage:

The recommended usage level of this product is 2%-10%.

PACKING AND STORAGE

SiSiB® PC19588 is supplied in 50Kg plastic pails or 200Kg iron drums. Special package is available based on user requests.

In the original unopened packaging, SiSiB®PC19588 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.

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