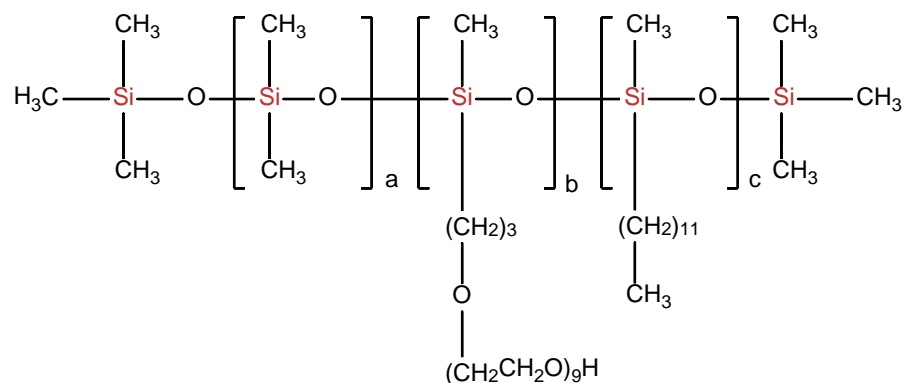


SiSiB® PC19588 Formulation Aids

INCI NAME

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

PHYSICAL PROPERTIES

| | |
|-------------------------|--|
| 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 |

BENEFITS & 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

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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.

RECOMMENDED DOSAGE

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

PACKING

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

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®PC19588 has a shelf life of two years 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.

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

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We disclaim liability for any incidental or consequential damages.