

SiSiB® PC12010 Dimethicone (Medium Viscosity Silicone Fluid 50-1000cSt)

INCI NAME

Dimethicone

INTRODUCTION

SiSiB® PC12010 (50-1000cSt) are linear polydimethylsiloxane, which are colorless, odorless, non-toxic and non-irritating transparent liquid. These products are common defoaming ingredients in shampoos and some skin care products. They can be used in the skin care products to obtain silk like smooth feel.

As a carrier, the products could provide better silky feel and enhance the long-lasting performance of other active ingredients on skin.

ADVANTAGES

- Good heat stability
- Low reactivity
- Colorless, tasteless, non-toxic
- Non-irritating to skin
- Soft and smooth feel
- Non-greasy
- Hair care conditioning agent
- Water-repellency, ventilation

PHYSICAL PROPERTIES

| | Viscosity (25°C) | Volatiles (150°C,3h) | Flash point |
|--------------|------------------|----------------------|-------------|
| PC12010-50 | 45-55cSt | < 1.0% | >300°C |
| PC12010-100 | 95-105cSt | < 1.0% | >310°C |
| PC12010-200 | 180-220cSt | < 1.0% | >315°C |
| PC12010-350 | 330-370cSt | < 1.0% | >315°C |
| PC12010-500 | 450-550cSt | < 1.0% | >315°C |
| PC12010-1000 | 950-1050cSt | < 1.0% | >315°C |

BENEFITS & APPLICATIONS

SiSiB® PC12010 (50-1000cSt) can be well formulated in personal care products to obtain better combing, conditioning and smoothness.

SiSiB® PC12010 (50-1000cSt) can be used directly or emulsified in personal care formulations. The preferred HLB value for O/W type of emulsifying is 10-11.

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RECOMMENDED DOSAGE

The recommended usage level is 1-5%.

PACKING

SiSiB® PC12010 (50-1000cSt) is supplied in 200Kg steel drum or 1000Kg IBC tote.

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® PC12010 (50-1000cSt) 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.

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