

SiSiB® PC15345 Silicone Emulsion

INCI NAME Dimethiconol (and) Trideceth-3 (and) Laureth-23 (and) Phenoxyethanol (and) Water

INTRODUCTION SiSiB® PC15345 is a high molecular weight dimethiconol emulsion containing nonionic surfactants. It provides superior dry and wet combing performance, silky smoothness, and conditioning effect for hair-care formulations such as shampoos, conditioners, and hair masks.

SiSiB® PC15345 also imparts a soft, glossy feel and reduces tangling and static electricity on hair surfaces. It shows good compatibility with most cosmetic conditioning agents and can be easily incorporated into formulations below 40 °C.

- ADVANTAGES**
- Improves dry and wet combability, providing soft and silky hair feel.
 - Enhances conditioning, smoothness, and shine.
 - Reduces tangling, split ends, and static charge.
 - Excellent film-forming and repairing properties on damaged hair.
 - Compatible with most surfactants used in personal-care systems.

PHYSICAL PROPERTIES

Appearance	Liquid
Color	Milky white
pH value	6-7
Solid content (%)	47-53
Viscosity (25°C, cSt)	2,000-5,000
Ionicity	Non-ionic

These values are typical and are not intended for use as specifications.

BENEFITS & APPLICATIONS

SiSiB® PC15345 is recommended for use in hair-care formulations such as 2-in-1 shampoos, conditioners, and hair masks, where it enhances hair conditioning, softness, and manageability.

It provides excellent dry and wet combability, smooth and silky feel, and helps reduce tangling, frizz, and static electricity. Owing to its film-forming and repairing properties, the product improves hair gloss and texture,

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leaving a long-lasting smooth finish. It is also suitable for use in mild body washes, creams, and lotions to deliver a silky, moisturized skin feel.

RECOMMENDED DOSAGE

2-in-1 Shampoos	1.0 - 5.0%
Hair Conditioners	2.0 - 5.0%
Body Wash & Lotion	0.5 - 3.0%

It is recommended to conduct a preliminary test to determine the optimal dosage.

PACKING

SiSiB® PC15345 is supplied in 50Kg and 120Kg plastic 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® PC15345 has a shelf life of 12 months in a dry and cool place at room temperature below 35°C.

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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