

SiSiB® PC15383 Silicone Emulsion

INCI NAME

Silicone Quaternium-18 (and) Laureth-3 (and) Laureth-25

INTRODUCTION

SiSiB® PC15383 is a quaternary alkyl ammonium silicone emulsion, which has powerful and broad-spectrum performance of antimicrobial in both gram-negative and gram-positive bacteria. This product can show good long-lasting color lock performance when used in hair dye formulations due to its unique functional group structure. In addition, it is also anti-static and can provide hair softness and it's an ideal ingredient for hair conditioner and other hair care formulations.

ADVANTAGES

- Cationic silicone surfactant
- Cationic micro-emulsion
- Bacterial inhibition
- Excellent compatibility
- Color lock for a long time
- Good hair conditioning
- Anti-static

PHYSICAL PROPERTIES

Appearance	Colorless to yellowish, Transparent to translucent liquid
Refraction index (25°C)	1.3450-1.3650
Specific gravity (25°C)	0.970-1.010
Viscosity (cSt, 25°C)	11~13
Solid content (% , w/w)	13-18

BENEFITS & APPLICATIONS

SiSiB® PC15383 can be used as an ideal color-lock aid for hair care products such as shampoo, hair conditioner, hot oil, liquid gel and hair dye. It also can be used as anti-bacteria agent and anti-fungi agent.

How to use:

SiSiB® PC15383 has good compatibility with cationic surfactants and non-ionic surfactants but may not compatible with anionic surfactants when it is used excessive.

SiSiB® PC15383 is suggested be added in the final procedure to make the

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better performance, in which temperature is below 50°C.

RECOMMENDED DOSAGE

The recommended dosage of this product is 0.2 - 2.0%. It is also recommended to carry out preliminary tests to determine the optimum quantity for particular application.

PACKING

SiSiB® PC15383 is supplied in 20Kg 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® PC15383 has a shelf life of 12 months 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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