

# SiSiB<sup>®</sup> PC15383

## Silicone Emulsion

*INCI: Silicone Quaternium-18 (and) Laureth-3 (and) Laureth-25*

### INTRODUCTION

SiSiB<sup>®</sup> 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

### TYPICAL 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

### APPLICATIONS

SiSiB<sup>®</sup> 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:

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SiSiB<sup>®</sup> PC15383 has good compatibility with cationic surfactants and non-ionic surfactants but may not be compatible with anionic surfactants when used excessively.

SiSiB<sup>®</sup> PC15383 is suggested to be added in the final procedure to make for better performance, in which temperature is below 50°C.

Recommend 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 AND STORAGE

SiSiB<sup>®</sup> PC15383 is supplied in 20Kg plastic drum.

In the original unopened packaging, SiSiB<sup>®</sup> PC15383 has a shelf life of 12 months 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.

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

Please send all technical questions concerning quality and product safety to: [support@SiSiB.com](mailto:support@SiSiB.com).