

## SiSiB® PC12502 Oil Soluble Silicone Wax

### INCI NAME

CETYL DIMETHICONE

### INTRODUCTION

SiSiB® PC12502 is an oil soluble silicon wax which is composed of a disordered distribution of alkyl chains on linear polysiloxane. It can be completely dissolved in most oils and solvents. With good skin affinity, refractive index and moisturizing feeling, it is ideal ingredients for personal care, especially in hair oil, rinse type, leave-in hair products, and antiperspirant products.

### ADVANTAGES

- Good skin affinity, moisturizing skin and hair
- Good moisturizing feeling
- Compatible with most greases
- Thickening creams and lotions to increase SPF with organic and inorganic sunscreens
- Outstanding lubricating and glossing properties
- Reducing whiteheads in antiperspirant products

### PHYSICAL PROPERTIES

Appearance	Colorless to light yellow liquid
Color (APHA)	Max. 40
Viscosity (25°C, cSt)	50-120
Specific gravity	0.800-0.950
Refractive index	1.4350-1.4750

### BENEFITS & APPLICATIONS

SiSiB® PC12502 can be used widely in all kinds of personal care products, including: hair oil, rinse type, leave-in hair products, and antiperspirant products.

In most formulations, SiSiB® PC12502 can replace mineral oil and petrolatum (in part or in whole) up to 5%.

How to use:

Heat the product to 40°C (104°F) and mix with other ingredients on the basis of formulations. The product can be added directly to the oil phase of cosmetic formulations.

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<b>RECOMMEND DOSAGE</b>	0.1%-20.0% replace white mineral oil or petroleum jelly: the recommended usage does not exceed 5%.
<b>PACKING</b>	SiSiB® PC12502 is supplied in 18Kg or 180Kg drum.
<b>HANDLING</b>	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.
<b>STORAGE</b>	In the original unopened packaging, SiSiB® PC12502 has a shelf life of 24 months at least in a dry and cool place below 25°C.
<b>LIMITATIONS</b>	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
<b>NOTE</b>	<p>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.</p> <p>We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.</p> <p>We disclaim liability for any incidental or consequential damages.</p>