

## SiSiB® PC12801 Oil Soluble Silicone Wax

### INCI NAME

CETYL DIMETHICONE

### INTRODUCTION

SiSiB® PC12801 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)	15-45
Specific gravity	0.855-0.960
Refractive index	1.4250-1.4650

### BENEFITS & APPLICATIONS

SiSiB® PC12801 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® PC12801 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.

### RECOMMENDED DOSAGE

0.1%-20.0% replace white mineral oil or petroleum jelly: the recommended usage does not exceed 5%.

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### PACKING

SiSiB® PC12801 is supplied in 18Kg or 180Kg 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

When stored at temperatures between 10°C and 35°C in the original unopened containers, SiSiB® PC12801 has a shelf life of 24 months from the date of production. When the temperature is below 13°C, the appearance changes from transparent to cloudy, waxy, and can become transparent after slight heating, which does not affect the use.

### 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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