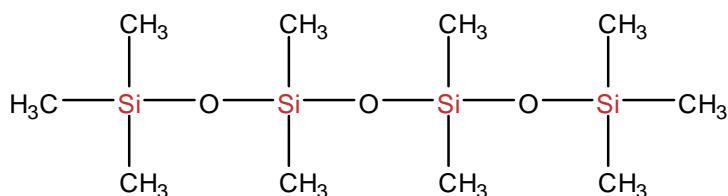


# SiSiB<sup>®</sup> PC12010-1.5

*Volatile Silicone Fluid 1.5cSt*

*INCI Name: Dimethicone*

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> PC12010-1.5 fluid is a 100% low viscosity, volatile polydimethylsiloxane, mainly composed of Decamethyltetrasiloxane. It is soluble in most solvents and has good compatibility with most cosmetic components.

SiSiB<sup>®</sup> PC12010-1.5 fluid is used in a number of Personal Care products due to its excellent spreading and unique volatility characteristics. It features good solubility in anhydrous alcohols and in a wide variety of solvents. In addition, it leaves no residue or build-up, has a transient effect, and a non-greasy feel.

## FEATURES

- ☐ Good dielectric properties
- ☐ High shearability without breakdown
- ☐ High compressibility
- ☐ High spreadability
- ☐ Low surface tension
- ☐ Low reactivity
- ☐ Low viscosity
- ☐ Good heat stability
- ☐ Good leveling and easy rubout
- ☐ Essentially odorless
- ☐ Volatile silicone

## TYPICAL PHYSICAL PROPERTIES

CAS No.

141-62-8

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# SiSiB® PC12010-1.5

*Volatile Silicone Fluid 1.5cSt*

*INCI Name: Dimethicone*

EINECS No.	205-491-7
Formula	C <sub>10</sub> H <sub>30</sub> O <sub>3</sub> Si <sub>4</sub>
Molecular Weight	310.69
Boiling Point	194°C [760mmHg]
Flash Point	63°C
Appearance	Colorless transparent liquid
Viscosity	1.5cSt.
Specific gravity 25°C	0.85
Refractive Index 25°C	1.387
Purity:	Min.99.0%

## APPLICATIONS

SiSiB® PC12010-1.5 is widely used in personal care products, such as hair spray, facial cleanser, moisturizing cream, emulsion, bath oil, nail polish, antiperspirant and deodorant.

SiSiB® PC12010-1.5 is also used in industrial applications, such as glass bottles and lens coatings, household products, mechanical oil, osmotic oil and so on.

## PACKING AND STORAGE

SiSiB® PC12010-1.5 fluid is supplied in 160kg/drum or 800kg/IBC drum or as request.

In the unopened original container SiSiB® PC12010-1.5 has a shelf life of one year in a dry and cool place.

## 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.

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