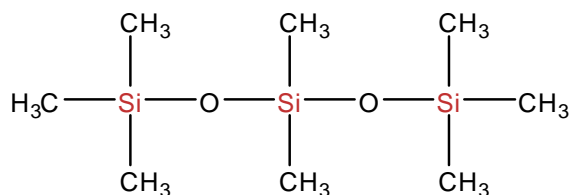


SiSiB® PC12010-1 Volatile Silicone Fluid

INCI NAME

Trisiloxane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC12010-1 fluid is a 100% volatile super-low viscosity Polydimethylsiloxane composed mainly of Octamethyltrisiloxane. It is clear, colorless and essentially odorless.. It is soluble in most solvents and has good compatibility with most cosmetic components. It is widely used in personal care products.

SiSiB® PC12010-1 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.

ADVANTAGES

- 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

PHYSICAL PROPERTIES

CAS No.	107-51-7
EINECS No.	203-497-4
Formula	C ₈ H ₂₄ O ₂ Si ₃
Molecular Weight	236.53

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Boiling Point	153°C [760mmHg]
Flash Point	29°C
Appearance	Colorless transparent liquid
Viscosity	1cSt.
Specific gravity 25°C	0.82
Refractive Index 25°C	1.383
Purity:	Min.99.0%

BENEFITS & APPLICATIONS

SiSiB® PC12010-1 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 is also used in industrial applications, such as glass bottles and lens coatings, household products, mechanical oil, osmotic oil and so on.

PACKING

SiSiB® PC12010-1 fluid is supplied in 160kg/drum or 800kg/IBC drum or as request.

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® PC12010-1 has a shelf life of 12 months from the date of production.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

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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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