

SiSiB® CS1019 Anti-Fogging Agent

INTRODUCTION

SiSiB® CS1019 is a specialized high-molecular-weight polymer anti-fogging agent. When applied to glass or plastic surfaces, it forms an ultra-hydrophilic nano-film that transforms water vapor into a low-freezing-point liquid mixture, effectively preventing fog formation. SiSiB® CS1019 provides long-lasting anti-fogging performance with excellent surface transparency and stability.

FEATURES & BENEFITS

- Long-lasting anti-fog performance (effective for over 15 days)
- High transparency without rainbow effects
- Reduces dust accumulation on treated surfaces
- Non-toxic, solvent-free, and alkylphenol-free formulation
- Environmentally friendly and safe to use
- Stable aqueous solutions; easy to dilute and apply

PHYSICAL PROPERTIES

Color	Colorless or yellowish
Appearance	Transparent liquid
Ionicity	Non-ionic
pH Value	5.0 -7.0
Viscosity 25°C	< 1000 cSt
Water Solubility	Miscible with water in any ratio

Note: These values are typical and are not intended for use as specifications.

APPLICATIONS

SiSiB® CS1019 is suitable for anti-fogging treatment of:

- Building and vehicle windows
- Automotive windshields
- Eyeglasses, safety goggles, and face shields
- Mirrors and transparent plastic films

USAGE GUIDELINES

Dilution: It is recommended to dilute SiSiB® CS1019 with deionized water, ethanol, or isopropanol before use.

Suggested Formulation: 1% SiSiB® CS1019 in deionized water or solvent mixture provides effective anti-fogging performance lasting over 15 days.

SiSiB® CS1019 Anti-Fogging Agent

Application:

- Clean the target surface thoroughly.
- Apply the diluted solution by spraying or using a clean, lint-free cloth to wipe the surface evenly.
- Allow the surface to dry naturally.
- Reapplication may be performed if necessary to maintain optimal performance.

PACKING

Available in standard 25 kg or customized packaging options.

STORAGE

In the original unopened packaging SiSiB® CS1019 has a shelf life of one year in a dry and cool place.

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.

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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