

# SiSiB® CS1055 Anti-Fogging Agent

## INTRODUCTION

SiSiB® CS1055 is a specially modified high-molecular-weight polymer anti-fogging agent. It forms an ultra-hydrophilic nano-film on treated plastic or glass surfaces, which transforms water vapor into a low-freezing-point liquid mixture, thereby effectively preventing fog formation. SiSiB® CS1055 provides long-lasting, high-transparency anti-fogging performance and is suitable for a wide range of applications.

## FEATURES & BENEFITS

- High transparency with no rainbow effect
- Long-lasting anti-fogging performance (effective for over 15 days)
- Reduces dust accumulation on surfaces
- Non-toxic, environmentally friendly, solvent-free, and APEO-free
- Excellent water solubility and easy to dilute for use
- Stable aqueous solutions; easy application by spray or wipe

## PHYSICAL PROPERTIES

Color	Colorless or yellowish
Appearance	Transparent liquid
Ionicity	Non-ionic
pH Value	5.0 -7.0
Viscosity 25°C	< 100 cSt
Water Solubility	Miscible with water in any ratio

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

## APPLICATIONS

SiSiB® CS1055 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® CS1055 with deionized water, ethanol, or isopropanol before use.

**Suggested Formulation:** 1% SiSiB® CS1055 in deionized water or solvent mixture provides effective anti-fogging performance lasting over 15 days.

## SiSiB® CS1055 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 air 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® CS1055 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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