

SiSiB® CS1008 Silicone Polyether Anti-Fogging Agent

INTRODUCTION

SiSiB® CS1008 is a polyether-modified silicone anti-fogging agent developed for glass surfaces. It promotes the spreading of condensed moisture into a more uniform water film, reducing light scattering caused by discrete water droplets and helping maintain optical clarity. Supplied as a concentrated liquid, SiSiB® CS1008 is designed for dilution before application.

FEATURES & BENEFITS

- Prolonged anti-fog performance on treated glass.
- Helps maintain glass transparency with reduced rainbow-like streaking.
- Nonionic and dispersible in water for formulation flexibility.
- Convenient spray-on or wipe-on application after dilution.

PHYSICAL PROPERTIES

Color	Slightly yellow
Appearance	Clear liquid
Viscosity (25°C)	Max. 100 mPa·s
Ionicity	Nonionic
pH Value	4.5 – 6.5
Water Dispersibility	Dispersible in water

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

APPLICATIONS

SiSiB® CS1008 is designed for anti-fog treatment of automotive and general-purpose glass surfaces where condensation can impair visibility. Typical applications include automotive windscreens and windows, architectural window glass, and glass mirrors.

SiSiB® CS1008 can be incorporated into glass-care formulations or diluted for spray-on and wipe-on surface treatments.

GUIDE

For reference, dilute 1 part of SiSiB® CS1008 with 5–15 parts of deionized water or ethanol, depending on the application and drying requirements. Deionized water is recommended for general applications, while ethanol may be selected when faster drying is desired. Mix thoroughly until uniform. Direct application of the undiluted concentrate is not recommended.

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Clean the glass surface thoroughly before treatment. Apply the diluted formulation evenly by spraying or wiping with a clean cotton cloth or suitable wipe. Gently wipe the surface and allow it to dry. Reapply if necessary.

Before full-scale use, evaluate compatibility, film uniformity, and optical clarity on the intended glass surface.

PACKING

SiSiB® CS1008 is supplied in 200 kg steel drums and 950 kg IBCs.

STORAGE

Keep the container tightly closed and store in a cool, dry and well-ventilated place. SiSiB® CS1008 has a shelf life of 12 months from the date of manufacture in the original unopened packaging. Avoid prolonged exposure to extreme heat or cold.

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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