

SiSiB® CS0310 Silicone Surfactant

INTRODUCTION

SiSiB® CS0310 is a nonionic, polyether-modified silicone surfactant designed to provide strong surface tension reduction, wetting and spreading in aqueous formulations.

At a concentration of 0.1 wt% in water, SiSiB® CS0310 reduces the surface tension to approximately 22 mN/m. It is suitable for use in formulations with a pH range of 3-10.

FEATURES & BENEFITS

- Strong reduction of aqueous surface tension
- Excellent wetting and spreading performance
- Promotes uniform coverage of treated surfaces
- Helps improve penetration into difficult-to-wet areas
- Can enhance sheeting and water drainage
- Nonionic silicone surfactant
- Suitable for a wide range of aqueous cleaning formulations

PHYSICAL PROPERTIES

Appearance	Clear liquid
Color	Colorless to light amber
Surface Tension (0.1 wt%, mN/m)	22
Viscosity (25°C, cSt)	20-50
Cloud Point (1 wt%, °C)	Max.10

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

APPLICATIONS

SiSiB® CS0310 may be considered for use in home care formulations such as tub and tile cleaners, toilet bowl cleaners, oven cleaners, rust removers, drain cleaners, stain removers and disinfectants. Its strong surface tension reduction helps improve the wetting and spreading of aqueous formulations on treated surfaces and may assist penetration into difficult-to-wet areas.

USAGE GUIDELINES

The optimum use level of SiSiB® CS0310 depends on the formulation, substrate and desired performance.

For best results, SiSiB® CS0310 should be evaluated at different addition levels in the final formulation. Compatibility, storage stability, wetting,

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spreading, foaming and final surface appearance should be confirmed before commercial use.

PACKING

SiSiB® CS0310 is available in 200Kg drums or 1000Kg IBC totes.

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

Keep the container tightly closed and store in a cool, dry and well-ventilated place, away from acids, alkalis and sources of ignition. SiSiB® CS0310 has a shelf life of 24 months from the date of manufacture in the original unopened packaging.

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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