

SiSiB® DF1025 Polyether-Modified Silicone Defoamer

INTRODUCTION

SiSiB® DF1025 is a general-purpose polyether-modified silicone defoamer designed for foam control in a wide range of aqueous systems. With a high non-volatile matter content, it provides excellent defoaming and foam suppression at very low dosage levels. It disperses readily in surfactant-containing systems and delivers stable performance over a broad pH range.

It is widely used in detergent formulations, industrial and household cleaners, water-based emulsion systems, and other aqueous formulations requiring efficient foam control.

BENEFITS

- High non-volatile matter
- Rapid defoaming and long-lasting foam suppression
- Effective at very low dosage levels
- Easily dispersed in surfactant-containing systems
- Suitable for a wide pH range
- Suitable for a wide range of aqueous formulations

PHYSICAL PROPERTIES

Appearance	Milky white liquid
pH	6-8
Non-volatile content (%)	Min. 95
Density (25°C, g/cm ³)	0.95-1.05
Stability (3000 rpm /20 min)	No stratification

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

APPLICATIONS

SiSiB® DF1025 is recommended for foam control in a wide range of aqueous systems, including liquid laundry detergents, household and industrial cleaning products, water-based emulsion systems, surfactant-containing process formulations, and other aqueous applications where efficient defoaming and foam suppression are required.

RECOMMENDED DOSAGE

SiSiB® DF1025 may be added directly to the formulation or diluted before use.

The recommended dosage is typically 0.005-0.01% (50-100 ppm). The

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optimum dosage should be determined according to the formulation and processing conditions through laboratory evaluation.

PACKING

SiSiB® DF1025 is typically supplied in 200KG plastic drum or 1000KG IBC.

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

Store in the original unopened container in a cool, dry and well-ventilated place. Protect from freezing. The shelf life of SiSiB® DF1025 is 12 months from the date of manufacture when stored under the recommended conditions.

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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