

SiSiB® DF1012 Silicone Defoamer

INTRODUCTION

SiSiB® DF1012 is a general-purpose silicone defoamer based on polyether-modified polysiloxane.

It is designed to provide efficient foam control in a wide range of surfactant-containing aqueous systems. The product offers rapid foam knockdown, good dispersion in formulations, excellent dilution stability and reliable performance over a broad pH range.

SiSiB® DF1012 can be used in various cleaning and detergent formulations where foam control is required. Typical applications include household cleaning products, daily chemical washing systems and liquid laundry detergents.

FEATURES & BENEFITS

- Fast defoaming and effective foam suppression
- Good dispersion in surfactant-containing systems
- Excellent dilution stability
- Stable performance across a wide pH range
- Reliable storage stability

PHYSICAL PROPERTIES

Appearance	Milky white flowing liquid
Non-volatile matter	Min.19%
Density (25°C, g/cm ³)	0.98-1.05
pH Value (1% aqueous solution)	6-8
Stability (3000 rpm / 20 min):	No stratification

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

APPLICATIONS

SiSiB® DF1012 can be used for foam control in a variety of aqueous systems, including:

- Liquid laundry detergents
- Household cleaning formulations
- Daily chemical washing systems
- Emulsion-based cleaning formulations
- Other surfactant-containing industrial or household systems

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RECOMMENDED DOSAGE

The typical recommended dosage of SiSiB® DF1012 is 0.1-0.3% by weight based on the total formulation. The product can be added directly to the target system after foam formation for immediate defoaming effect.

PACKING

SiSiB® DF1012 is supplied in 25Kg drums, 200Kg steel drums and 1000Kg IBC containers.

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

Stored in a dry and well-ventilated place, SiSiB® DF1012 has a shelf life of one year from the date of production. Protect against moisture and freezing during storage and transportation.

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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