

SiSiB® DF2310 Silicone Defoamer

INTRODUCTION

SiSiB® DF2310 is a 30% active, nonionic silicone-based antifoam emulsion specifically formulated for controlling foam in aqueous systems. It offers excellent initial defoaming and sustained foam suppression at low dosage levels. The emulsion is readily dispersible in water and demonstrates consistent performance across a wide range of industrial applications.

BENEFITS

- Excellent and long-lasting defoaming and foam suppression
- Rapid defoaming at low dosage levels
- Stable performance under high temperature (60-90°C) and strong alkaline conditions (pH 10.0-14.0)
- Readily dilutable in water, easy to handle and incorporate
- Non-ionic system compatible with most aqueous formulations
- Free of SVHC substances listed under REACH regulation
- Free of nonylphenol (NP) and alkylphenol ethoxylates (APEO)

PHYSICAL PROPERTIES

Appearance	White to slightly hazy liquid
pH	7.5-9.5
Active Content (%)	29.0-31.0

Note: The above data is provided for reference only and is not intended as a specification.

APPLICATIONS

SiSiB® DF2310 is widely used in a variety of aqueous industrial systems such as textile processing, gas scrubbing, pesticide formulations, waterborne coatings, and oilfield operations. It provides efficient foam control even under harsh conditions, helping to maintain process stability, improve product quality, and enhance operational efficiency.

USAGE GUIDELINES

SiSiB® DF2310 can be pre-diluted with thickened water for easier handling. During dilution, stir gently at 30-60 rpm for no more than 10 minutes to maintain emulsion stability. It is recommended to add the defoamer at a point in the process where it can disperse uniformly for optimal foam control.

PACKING

SiSiB® DF2310 is supplied in 25kg, 200kg 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

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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

SiSiB® DF2310 should be stored in a cool, dry, and well-ventilated area at 5-35°C in its original, tightly sealed containers. Avoid exposure to direct sunlight and moisture. Do not allow the product to freeze. If freezing occurs, thaw slowly at room temperature and mix thoroughly before use. When stored properly, SiSiB® DF2310 has a shelf life of 9 months from the date of manufacture.

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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