

SiSiB® DF1085 Silicone Defoamer

INTRODUCTION

SiSiB® DF1085 is a high-performance silicone emulsion defoamer designed for water-based industrial applications. Formulated with a blend of polysiloxanes, silicone resins, hydrophobic silica, and specialized stabilizers, it delivers rapid foam knockdown and long-lasting foam suppression. The product offers excellent system compatibility and stability, making it suitable for metalworking fluids, industrial cleaners, and textile processes.

BENEFITS

- NP and APEO free, comply with REACH SVHC regulation.
- Fast and durable foam control
- Excellent compatibility with aqueous systems
- Good stability, minimal performance loss over time
- Easy to incorporate and dilute

PHYSICAL PROPERTIES

| | |
|-----------------------|-----------------------------|
| Color | White to slightly yellowish |
| Appearance | Emulsion |
| Non-volatile Content | 14-16% |
| pH Value | 6.5-8.5 |
| Viscosity (25°C, cP) | 4,000-9,000 |

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

APPLICATIONS

SiSiB® DF1085 is recommended for:

- Semi-synthetic and synthetic metalworking fluids
- Industrial cleaning formulations
- Textile processing (including acrylic-based thickeners and auxiliaries)

RECOMMENDED DOSAGE

SiSiB® DF1085 can be added directly or diluted with thickened water prior to use. For dilution, stir gently at 30-60 rpm for no longer than 10 minutes to maintain emulsion stability.

Add at points of good dispersion to ensure uniform distribution.

Final dosage should be determined through laboratory testing to ensure optimal defoaming performance without side effects.

SiSiB[®] DF1085 Silicone Defoamer

PACKING

SiSiB[®] DF1085 is supplied in 25Kg pail, 200Kg drum and 1000 Kg IBC container.

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 ventilated environment at 5-40°C, SiSiB[®] DF1085 has a shelf life of 9 months. May freeze below 0°C. If frozen, thaw and stir at 30-60 rpm until homogeneous. Performance remains unaffected.

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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.