

SiSiB® DF1037 Silicone Defoamer

INTRODUCTION

SiSiB® DF1037 is a nonionic silicone defoamer developed for aqueous oilfield systems. It provides rapid foam knockdown and sustained foam control at low addition levels, with good compatibility over a broad pH and temperature range.

BENEFITS

- Rapid foam knockdown
- Long-lasting foam control
- Effective at low dosage
- Suitable for a broad pH and temperature range
- Good compatibility with water-based drilling fluids
- Non-fluorescent

PHYSICAL PROPERTIES

Appearance	Milky white liquid
Solid Content (%)	20-30
pH value	6-9
Density (20°C, g/cm³)	0.98-1.00
Ionicity	Non-ionic

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

APPLICATIONS

SiSiB® DF1037 is designed for foam control in water-based drilling fluids, including freshwater, seawater, high-salinity brine and saturated brine systems. It is also suitable for use in water-based fracturing fluids.

USAGE GUIDELINES

SiSiB® DF1037 may be added directly to the drilling fluid. Alternatively, it may be diluted with clean, cold water at a product-to-water ratio of 1:5 before addition.

The recommended addition level is 0.05-0.15 wt%, based on the total system. The optimum dosage should be determined by application testing.

PACKING

SiSiB® DF1037 is supplied in 25Kg pail, 200Kg drum and 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

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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

Store in a dry and ventilated place. Protect from freezing.

SiSiB® DF1037 has a shelf life of 12 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.

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.