

SiSiB® DF1090 Silicone Defoamer

INTRODUCTION

SiSiB® DF1090 is a self-emulsifying silicone defoamer, especially suitable for continuous defoamer under high temperature, acid-base or shear force conditions.

FEATURES & BENEFITS

- Excellent heat resistance along with exceptional resistance to acids, alkalis, and chemicals.
- Improve air permeability
- Self-emulsifying.

PHYSICAL PROPERTIES

Appearance	Light white viscous liquid
Flash point (closed-mouth type)	> 180°C
Moisture	<1.5%
Lon type	Nonionic type
PH value (1% aqueous solution)	6-8

APPLICATIONS

SiSiB® DF1090 is a high-performance defoamer engineered for aggressive acid and alkali environments. It delivers rapid, lasting foam control in acid and alkali extraction processes (e.g., pharmaceutical and humic-acid recovery), metal-cutting fluids, water-based cutting fluids, acrylic emulsions, PU adhesive systems, water-soluble photosensitive resin plate developers, fiber processing and dyeing baths, as well as harsh chemical applications such as alumina production, aluminum-alkali solution treatments and paper black liquor.

SiSiB® DF1090 ensures fast foam knock-down, excellent stability and minimal impact on overall process performance.

RECOMMENDED DOSAGE

SiSiB® DF1090 usually does not need to be diluted. If need to dilute, stir and disperse with clean cold water, the reference amount is 50-500ppm; The optimum addition amount was determined by experiments.

PACKING

SiSiB® DF1090 is supplied in 25KG, 200KG drum or 1000KG IBC tote.

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® DF1090 should be stored in a dry, well-ventilated environment. The product has a shelf life of one year under proper storage conditions. Protect from moisture and frost to maintain product stability and performance.

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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