

SiSiB® DF1022 Silicone Defoamer

INTRODUCTION

SiSiB® DF1022 is a compound food-grade defoamer produced according to national standard GB26687-2011. It is formulated with polydimethylsiloxane, polyoxypropylene-oxyethylene glycol ether (GPE), and silicon dioxide, combined using advanced high-shear emulsification technology. This ensures fast foam knockdown from silicone and durable antifoam effect from polyether. It is suitable for continuous defoaming throughout the fermentation process.

BENEFITS

- Fast defoaming and long-lasting antifoaming
- High efficiency across full fermentation cycles
- Broad compatibility with fermentation media
- Food-grade, complies with GB26687-2011

PHYSICAL PROPERTIES

Appearance	Semi-white to milky liquid
Arsenic Content (mg/kg)	Max.2.0
Lead Content (mg/kg)	Max.2.0

APPLICATIONS

SiSiB® DF1022 is suitable for a wide range of industrial fermentation processes. It is highly effective in the production of amino acids (e.g., glutamic acid, lysine, leucine), enzymes, vitamins (C, B2, B12, DHA, ARA), organic acids (e.g., citric acid), and antibiotics (e.g., penicillin, oxytetracycline, erythromycin, gentamicin). It ensures efficient foam control throughout continuous or batch fermentation.

PACKING

SiSiB® DF1022 is supplied in 25KG pails, 200KG drums and, 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 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® DF1022 has a shelf life of 12 months from the date of production.

It should be stored in a dry and ventilated place. Pay attention to prevent

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humidity or freezing.

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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We disclaim liability for any incidental or consequential damages.