

BIO-SIL

Antifoams & Emulsions

BIO-SIL AFD/1000

ANTI-FOAM EMULSION

TECHNICAL DATA SHEET

Rev.2 Date: 20/01/2017

PRODUCT DESCRIPTION

BIO-SIL AFD/1000 is a 10% active organic oil based anti-foam emulsion, specifically formulated for antifoaming and de-foaming a wide range of aqueous system. Upon addition, BIO-SIL AFD/1000 will rapidly knock down any foam present and will limit the generation of further foam. BIO-SIL AFD/1000 is effective at low concentrations and has the added benefit of being completely silicone free.

COMMON AREAS OF USE

- Water based systems
- Fermentation processes
- Liquid detergents
- Carpet cleaning
- Waste water treatment
- Pesticide formulation
- Chemical distillation
- Paper manufacturing

PHYSICAL PROPERTIES

Appearance	Off white to beige
Active content	10%
pH	4.00 – 6.00
*Specific Gravity [@ 20°C]	1.00
*Viscosity at 25°C [mPa.s]	> 300 < 900
Packaging	25kg Containers
	200kg Drums
	1000kg Containers

*Typical product data values should not be used as specifications

DIRECTIONS FOR USE

As a processing aid:

For maximum performance, BIO-SIL AFD/1000 can be administered directly into the foaming system with a metered pump and is efficiently dispersed with minimum agitation. Alternatively, for maximum de-foaming efficiency, pre-dilute BIO-SIL AFD/1000 with 3 to 5 parts of water momentarily before adding to the foaming system. For effective dilution, do not add the BIO-SIL AFD/1000 to the water but rather vice versa.

For end use:

BIO-SIL AFD/1000 emulsions can be added directly from the original shipped container to the foaming system. Concentrations in the range of 0.05 to 0.1% have been determined as a good starting amount for most applications.

Please note - Testing before formulating should still be carried out as systems vary.

PLEASE NOTE

- Material Safety Data Sheets are available upon request.
- The warranty period without testing is 12 months from date of manufacture, if stored in the original unopened container at 4°C to 27°C.

LEGAL DISCLAIMER: Each user bears the full responsibility for making its own determination as to the suitability of Supplier material, products, services, recommendations or advice for its own particular purposes. Each user must identify and perform test and analysis sufficient to assure its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material product, service or design is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.