

BIO-SIL[®]

Antifoams & Emulsions

BIO-SIL SPA/95F

ANTI-FOAM DISPERSION

TECHNICAL DATA SHEET

Rev.1 Date: 22/03/2023

PRODUCT DESCRIPTION

BIO-SIL SPA/95F is a 95% active dispersion of mineral oil, surfactants and wax, specifically designed for antifoaming and defoaming during the wet stages of sugar processing but can also be used in range of other applications. BIO-SIL SPA/95F is safe for use in food processing applications, is effective at low concentrations and is completely silicone free.

COMMON AREAS OF USE

- Sugar Processing
- Vegetable Processing
- Alcohol Fermentation Processes
- General Foam Control in Food Industry
- Waste Water Treatment
- Pesticide Formulations
- Paper Manufacturing

STARTING GUIDE

As a processing aid: For maximum de-foaming efficiency, pre-dilute BIO-SIL SPA/95F with 3 to 5 parts of water or media momentarily before adding to the foaming system to facilitate rapid distribution into the system.

For end use:

BIO-SIL SPA/95F 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.

TYPICAL PROPERTIES

Appearance	Beige to tan liquid
Total Solids [%]	92 – 95
*Specific Gravity [@20°C]	0.86 – 0.88
*pH range	6.0 – 7.5
*Viscosity at 25°C [Mpas]	<50
Packaging	20kg Containers 180kg Drums 800kg Containers

*Typical product data values should not be used as specifications.

Material Safety Data Sheets are available upon requests.

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.