

BIO-SIL

Antifoams & Emulsions

BIO-SIL IGT/100

Industrial Grade Textile Anti-foam & Defoamer

TECHNICAL DATA SHEET

Rev.4 Date: 23/11/2016

PRODUCT DESCRIPTION

BIO-SIL IGT/100 is a 100% active antifoam blended from silica derivatives specifically formulated for the controlling of foam in oil and textile dye and chemical washing where pH and solvents are a challenge for emulsion based antifoams. BIO-SIL IGT/100 has a high level of efficiency at low dosages, reducing paint manufacturing cost. BIO-SIL IGT/100 is able to withstand all pH levels.

TYPICAL PROPERTIES

Appearance	Off white to beige
Active Silicone Solids (%)	30
Specific Gravity (@ 20°C)	0.99
Viscosity at 25°C (Mpas)	>500-<2000
Packaging	25kg Containers 200kg Drums 1000kg Containers

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

COMMON AREAS OF USE

- Fabric/textile printing
- Fabric sinking
- Scouring
- Fabric/textile bleaching
- Latex coating
- Fabric/textile laundering
- Fabric dyeing
- Finishing and sizing

STARTING GUIDE

As a processing additive: For non-aqueous applications BIO-SIL IGT/100 can be pre dispersed to use in, isopropanol or a tertiary butyl alcohol as well as solvents of similar nature.

For aqueous applications BIO-SIL IGT/100 is effective when dispersed in isopropanol or a tertiary butyl alcohol at a suggested starting point of 10ppm w/w.

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. Good agitation should be carried out if stored for 3 months as the nature of any emulsion is to separate without agitation over extended periods of storage.

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.