

BIO-SIL

Antifoams & Emulsions

BIO-SIL IGX/20

Industrial Grade General Purpose Anti-Foam & Defoamer

TECHNICAL DATA SHEET

Rev.4 Date: 23/11/016

PRODUCT DESCRIPTION

BIO-SIL IGX/20 is a Multi-purpose, 20% emulsion of Polydimethylsiloxane specifically formulated for the anti/de-foaming of a wide range of aqueous systems and emulsions. BIO-SIL IGX/20 is very effective for rapid and mild foam control.

TYPICAL PROPERTIES

Appearance	Off white to beige
Active Silicone Solids (%)	20
Specific Gravity (@ 20°C)	1.00
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

- Liquid detergents
- Carpet cleaning
- Pesticide/herbicide formulations
- Chemical distillations
- Waste water treatment
- Fermentation processes
- Water based systems

STARTING GUIDE

As a processing additive: For maximum de-foaming efficiency, pre dilute BIO-SIL IGX/20 with 3 to 5 parts before adding to the foaming system. Do not add the BIO-SIL IGX/20 to the water but rather vice versa. In processing applications as an additive, BIO-SIL IGX/20 in concentrations of 10 to 500 ppm can be added.

For end use: BIO-SIL IGX/20 emulsion can be added directly from the original shipped container to the foaming system. Concentrations in the range of 0.5 to 3% have been determined as a good starting amount for liquid detergent applications.

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

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.