

IGX / 100

Industrial Grade General Purpose Anti-foam Compound

Technical Data Sheet

Rev: 7 | Date: 06/08/2025



Product Description

BIO-SIL IGX/100 is a 100% silicone-based compound, specifically formulated for anti-foaming and defoaming of most common non aqueous systems and a few aqueous systems. BIO-SIL IGX/100 can be used as a very effective base for antifoam emulsions.

Common areas of use

- Low foam washing powder
- Carpet cleaning
- Pesticide/herbicide formulations
- Chemical distillations
- Waste water treatment
- Fermentation processes
- Detergent Manufacture

Typical specifications

Appearance	Opaque, faint silver liquid
Active Silicone Solids [%]	100
*Viscosity at 25° C [mPa.s]	500 - 1500
Flash Point (closed up) C°	>100
Packaging	25Kg Pail 200Kg Drum 1000Kg Tote

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

Starting Guide

For non-aqueous applications BIO-SIL IGX/100 can be pre-dispersed to use in kerosene, white spirits, amyl acetate, 2-ethyl hexanol, toluene as well as solvents of similar nature. For aqueous applications BIO-SIL IGX/100 is effective when dispersed on isopropanol or a tertiary butyl alcohol at a suggested starting point of 10ppm w/w.

Please Note

- Testing before formulating should be carried out as systems vary.
- Material Safety Data Sheets are available upon request.
- The shelf-life period without testing is 12 months from date of manufacture, if stored in the original unopened container at 4°C to 27°C.
- Mild agitation should be applied during storage, as any emulsion tends to separate without agitation over extended periods.

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 perform a test to determine whether analysis is sufficient to assure that the product 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 of 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.