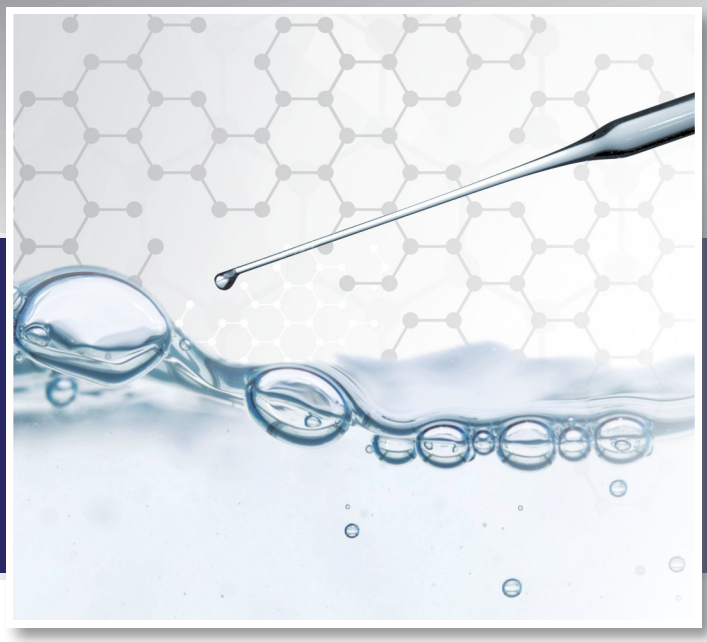

BIO-SIL
Antifoams & Emulsions

BIO-SIL IGX/10

Industrial Grade General Purpose Anti-foam & Defoamer

TECHNICAL DATA SHEET

Rev.6 Date: 18/08/2022

PRODUCT DESCRIPTION

BIO-SIL IGX/10 is a multi-purpose, 10% emulsion of polydimethylsiloxane specifically formulated for the anti-foaming and defoaming of a wide range of aqueous systems. BIO-SIL IGX/10 is very effective for rapid and mild foam control.

COMMON AREAS OF USE

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

TYPICAL SPECIFICATIONS

Appearance	Off White to beige
Active Silicone Solids [%]	10
*Specific Gravity [@20°C]	1.00
*Viscosity at 25°C [Mpas]	500 - 1500
Packaging	25Kg Pail 200Kg Drum 1000Kg Tote

*Typical product data values should not be used as specifications

STARTING GUIDE

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

For end use: BIO-SIL IGX/10 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

- 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 carried out if stored as the nature of any emulsion is to separate without agitation over extended periods of storage.

silicone
SILICONE & TECHNICAL PRODUCTS (PTY) LTD

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