



# TECHNICAL DATA SHEET

YOUR CHEMICAL SOLUTIONS PROVIDER



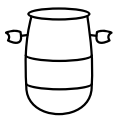
## DESCRIPTION

100% Active Silicone & Silicate Type Antifoam/Defoamer.



## FORMULATION/COMPOSITION

EnroSIL 100DF is a general purpose Anti-Foamer/Defoamer for use in a wide variety of Non-Aqueous & Aqueous Systems that are prone to foaming and aeration. They consist primarily of Polydimethylsiloxane (Silicone Fluid) and Hydrophobic Silica. These components are practically inert and endow EnroSIL 100DF with an ability to Rapidly Knockdown and Control Foam as well as Aiding De-Aeration. This can all be achieved at very low dosages thus little or no negative effect is seen within the system being treated. EnroSIL 100DF is safe to use and handle and is environmentally acceptable.



## PROPERTIES/APPLICATIONS/USE

EnroSIL 100DF be dispersed neat into systems containing high levels of Solvent or Surfactant, providing that Sufficient Agitation is present To aid a more Rapid Dispersion into the foaming medium, it is preferable to Pre-Disperse the EnroSIL 100DF into a Non-Polar Solvent(e.g.- Kerosine, Toluene, Xylene, White Spirits, Ethyl Acetate or MIBK). Agitation is always necessary to provide even distribution and best De-Foaming effect. The actual dosage of anti-foam required can only be established by experimentation, and will depend on such factors as: Surfactant Type & Concentration, Temperature and Level of Agitation/Aeration. EnroSIL 100DF is generally effective from levels as low as 0.01%.

## PHYSICAL & CHEMICAL PROPERTIES

Appearance	Grey, translucent - Viscous
Odour	Mild
S.G. (at 20°C)	0.99 - 1.1 g/cm <sup>3</sup>
Solubility	Insoluble in water. Soluble in most non-polar & polar solvents
pH - (as manufactured)	N/A

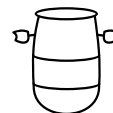
Active Ingredients	Polydimethylsiloxane and Silica
Total Solids content	7%
Active content (w/w)	100%
Emulsifier Type:	N/A

This data does not constitute a specification - please see current "Certificate of Analysis".



## FEATURES

- Effective in Dry Powder, Non-Aqueous and Aqueous Systems.
- Immediate foam control action.
- Excellent De-Aeration.
- Persistent foam control action.
- Effective & Economical at very low dosage.
- Stable, thixotropic rheology & Safe to handle.



## STORAGE/SHELF LIFE

6 months at ambient conditions.

**NOTE:** Diluted solutions of EnroSIL 100DF will have no long-term storage stability.

## PACKAGING

EnroSIL 100DF is available in

25 Kg - HDPE BLOWPACK

200 Kg - HDPE BLOWPACK

1000 Kg - IBC (FLOBIN)

## Disclaimer / Non-warranty

This product has been subjected to limited tests and has been shown to perform well. The information contained herein is to our best knowledge true and accurate, but since the conditions of use are beyond our control, EnroChem Trading DMCC, disclaims any liability in connection with the use of this product and/or information. Warranty extends only as far as to the replacement of material shipped if not compliant with the specification as set out in the attached "Certificate of Analysis" and within the expiry period of the said product. All recommendations or suggestions are made without guarantee. It is good practice to conduct one's own application tests on a small area prior to using the product.