TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

Date 23.10.2025 Version: thbl-01

FOAMGUARD™ Series – FoamGuard LF
Antifoaming / Defoaming Agent – Textile & Industrial Applications

Manufacturer: Tusi Haytham Bio Limited

Product Description:
FoamGuard LF is a high-performance antifoaming agent designed for excellent foam control in textile processing and other industrial applications. It effectively suppresses foam formation and prevents foam accumulation during chemical, dyeing, and finishing processes without affecting fabric quality or process efficiency.

Key Performance Properties:

- **Excellent foam suppression in aqueous systems.**
- **Prevents foam-related defects in dyeing, finishing, and washing operations.**
- **Compatible with a wide range of textile auxiliaries and processing conditions.**
- **Safe for use on delicate fabrics and fibers.**
- **Low dosage requirement for effective foam control.**

Typical Properties:

Property	Specification
Appearance	Clear to slightly opalescent liquid
Active Content	100 % (ready-to-use formulation)
pH (25 °C)	6 – 8
Solubility	Dispersible in water
Stability	Stable under normal storage and process conditions

Application:

- **Add FoamGuard LF directly to the bath or process solution at 0.05 – 0.2 % owf depending on foam severity.**
- **Mix thoroughly to ensure uniform dispersion.**
- **Adjust dosage based on trial runs for optimal foam control.**
- **Suitable for dyeing, finishing, padding, washing, and other foam-prone operations.**

Precautions:

- **Avoid direct contact with eyes and skin; wear protective gloves and eyewear.**
- **Store in tightly closed containers away from extreme heat and direct sunlight.**
- **Handle with care to prevent spills and contamination.**

Packing Size:
Available in 25 kg, 60 kg, and 200 kg HDPE drums.

Storage:

- **Store in a cool, dry, ventilated area below 40 °C.**
- **Shelf life: 12 months from date of manufacture in unopened containers.**
- **Check product label for "Best use before end" date.**

Issued by:
Tusi Haytham Bio Limited – Technical Division
Product: FOAMGUARD™ Series – FoamGuard LF
Category: Antifoaming / Defoaming Agent – Textile & Industrial Applications