TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

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OXISTAB™ Series – Oxistab LFS

Low Foaming Peroxide Stabilizer

Manufacturer: Tusi Haytham Bio Limited

Product Description:
Oxistab LFS is a low foaming stabilizer designed to enhance the stability and effectiveness of hydrogen peroxide in bleaching processes.
It controls peroxide decomposition, reduces foam formation, and improves bleaching uniformity and fabric quality.

Key Performance Properties:

- **Low foaming to prevent processing issues related to foam build-up.**
- **Stabilizes hydrogen peroxide to prolong its bleaching action.**
- **Reduces fabric damage caused by uncontrolled peroxide decomposition.**
- **Enhances bleaching uniformity and brightness.**
- **Compatible with common bleaching auxiliaries and process conditions.**

Typical Properties:

Property	Specification
Appearance	Clear to pale yellow liquid
pH (25 °C)	6.0 – 8.0
Ionic Nature	Anionic / Nonionic blend
Water Miscibility	Fully soluble
Stability	Stable at pH 4 – 10 and temperatures up to 90 °C

Application:

- **Add Oxistab LFS to peroxide bleaching baths to control decomposition and foam.**
- **Typical dosage: 0.3 – 0.6 g/L depending on process requirements.**
- **Optimize dosage through lab trials for specific fabric and process conditions.**
- **Compatible with common bleaching auxiliaries and stabilizers.**

Precautions:

- **Avoid mixing with strong acids or incompatible chemicals without dilution.**
- **Use personal protective equipment when handling.**
- **Store in tightly sealed containers to maintain product quality.**

Packing Size:

Available in 25 kg, 60 kg, and 120 kg plastic drums.

Storage:

- **Store in a cool, dry, and ventilated area below 40 °C.**
- **Shelf life of 12 months in unopened original packaging.**
- **“Best use before end” date marked on product label.**

Issued by:
Tusi Haytham Bio Limited – Technical Division
Product: OXISTAB™ Series – Oxistab LFS
Category: Low Foaming Peroxide Stabilizer