TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

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LEVITHRA™ Series – Levithra CRL

Cotton Leveling Agent for Reactive Dyeing

Manufacturer: Tusi Haytham Bio Limited

Product Description:
Levithra CRL is specially formulated to ensure proper levelness and uniform dye uptake during reactive dyeing of cotton fabrics.
It improves dye penetration, reduces patchiness, and enhances the overall color uniformity of dyed cotton textiles.

Key Performance Properties:

- **Promotes uniform dye distribution and penetration in cotton reactive dyeing.**
- **Reduces dyeing defects such as streaks, patches, and uneven shades.**
- **Improves dye fixation and fastness properties.**
- **Compatible with various reactive dye classes and common dyeing auxiliaries.**
- **Enhances overall fabric appearance and quality.**

Typical Properties:

Property	Specification
Appearance	Clear to slightly turbid liquid
pH (25 °C)	5.0 – 7.0
Ionic Nature	Nonionic
Water Miscibility	Fully soluble

Application:

- **Add Levithra CRL during the dyeing process to improve leveling and uniformity.**
- **Typical dosage: 0.5 – 1.0 g/L depending on fabric type and dyeing conditions.**
- **Adjust dosage based on trials to achieve optimal leveling effect.**
- **Compatible with common reactive dyes and dyeing auxiliaries.**

Precautions:

- **Avoid mixing with strong acids or alkalis without proper dilution.**
- **Use appropriate personal protective equipment during handling.**
- **Store in tightly sealed containers to maintain product integrity.**

Packing Size:

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

Storage:

- **Store in a cool, dry, and ventilated place 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: LEVITHRA™ Series – Levithra CRL
Category: Cotton Leveling Agent