TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

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LEVITHRA™ Series – Levithra CCS

Cotton Leveling Agent for Critical Shades in Reactive Dyeing

Manufacturer: Tusi Haytham Bio Limited

Product Description:
Levithra CCS is specially formulated to provide superior leveling and uniform dye uptake for critical and difficult-to-dye shades in cotton reactive dyeing.
It enhances dye distribution, minimizes unevenness, and improves shade reproducibility for demanding textile applications.

Key Performance Properties:

- **Optimizes dye leveling for critical and sensitive shades in cotton reactive dyeing.**
- **Reduces patchiness, streaks, and uneven dyeing results.**
- **Enhances dye fixation and color fastness.**
- **Compatible with a wide range of reactive dyes and dyeing auxiliaries.**
- **Improves consistency and reproducibility of shade in production runs.**

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 CCS during the reactive dyeing process for critical shades.**

- **Typical dosage: 0.5 – 1.0 g/L depending on shade depth and fabric type.**
- **Adjust dosage through trials to achieve optimum leveling and shade consistency.**
- **Compatible with most reactive dyes and dyeing auxiliaries.**

Precautions:

- **Avoid direct mixing with strong acids or alkalis without dilution.**
- **Use appropriate personal protective equipment during handling.**
- **Store in 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, 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 CCS
Category: Cotton Leveling Agent for Critical Shades