TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

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CLEANTHRA™ Series – CLEANTHRA ABS

Anti-Back Stainer – Denim & Yarn Dyed Fabrics
Manufacturer: Tusi Haytham Bio Limited

Product Description:

CLEANTHRA ABS is a specialized anti-back-staining agent designed for denim and yarn-dyed fabrics.
It prevents unwanted dye redeposition, back staining, and color bleeding during washing, soaping, and finishing processes, ensuring uniform shades and high-quality fabric appearance.

Key Performance Properties:

- **Prevents back staining and dye transfer on denim and yarn-dyed fabrics.**
- **Maintains color uniformity and fabric brightness.**
- **Compatible with common wash-off, soaping, and finishing auxiliaries.**
- **Enhances process efficiency and reduces fabric rework.**
- **Non-damaging to the fabric's hand and appearance.**

Typical Properties:

Property	Specification
Appearance	Clear to pale yellow liquid
pH (25 °C)	6.0 – 8.0
Ionic Nature	Anionic / Nonionic blend
Solubility	Fully soluble in water
Stability	Stable under normal washing and finishing conditions
Specific Gravity (25 °C)	1.01 ± 0.02

Application:

- **Add CLEANTHRA ABS to the wash-off or finishing bath for denim or yarn-dyed fabrics.**
- **Typical dosage: 0.2 – 1.0 % owf, depending on fabric type and shade depth.**
- **Operate at 50–90 °C for 15–30 minutes with gentle agitation.**
- **Rinse thoroughly after treatment.**
- **Compatible with detergents, soaping agents, and other auxiliaries.**

Precautions:

- **Avoid contact with eyes and skin; wear protective gloves and goggles.**
- **Do not mix with strong acids or incompatible chemicals in concentrated form.**
- **Store in tightly sealed containers in a cool, dry place.**

Packing Size:

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

Storage:

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

Issued by:

Tusi Haytham Bio Limited – Technical Division
Product: CLEANTHRA™ Series – CLEANTHRA ABS
Category: Anti-Back Stainer for Denim & Yarn Dyed Fabrics