TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

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CREASOL™ Series – Creasol FMS

Fiber-to-Fiber & Fiber-to-Metal Softener Based Anticreasing Agent

Manufacturer: Tusi Haytham Bio Limited

Product Description:
Creasol FMS is a multifunctional anticreasing agent combining fiber-to-fiber polymer action with fiber-to-metal softening properties.
It reduces creasing during wet processing by minimizing friction between fibers and between fabric and metal surfaces (like machinery rollers), leading to improved fabric smoothness, reduced mechanical damage, and enhanced handle.

Key Performance Properties:

- **Significantly reduces creasing caused by fiber-to-fiber and fiber-to-metal contact.**
- **Provides excellent softening effect improving fabric hand feel.**
- **Protects fabric from mechanical stress during processing.**
- **Compatible with most textile auxiliaries and processing conditions.**
- **Stable over a broad pH range and processing temperatures.**

Typical Properties:

Property	Specification
Appearance	Slightly milky liquid
pH (25 °C)	5.0 – 7.0
Ionic Nature	Nonionic
Water Miscibility	Fully miscible
Stability	Stable at pH 4 – 9 and temperatures up to 90 °C

Application:

- **Add Creasol FMS during wet processing steps such as scouring, bleaching, dyeing, or finishing to prevent creasing.**
- **Typical dosage: 0.5 – 2.0 g/L depending on fabric type and processing conditions.**
- **Ensure uniform dispersion for optimal performance.**
- **Compatible for use with other wet processing auxiliaries.**

Precautions:

- **Avoid direct mixing with strong acids or alkalis without dilution.**
- **Use 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 containers.**
- **“Best use before end” date indicated on product label.**

Issued by:
Tusi Haytham Bio Limited – Technical Division
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