TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

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TEXGLIDE™ Series – Texglide YL

Yarn Lubricator

Manufacturer: Tusi Haytham Bio Limited

Product Description:
Texglide YL is a specially formulated yarn lubricant designed to reduce friction and static during yarn processing and handling.
It improves yarn runnability, minimizes yarn breakage, and enhances smoothness in weaving, knitting, and other textile operations.

Key Performance Properties:

- **Excellent lubrication reduces yarn-to-yarn and yarn-to-machine friction.**
- **Minimizes static electricity buildup during yarn processing.**
- **Improves yarn strength and runnability.**
- **Compatible with various yarn types including cotton, synthetic, and blended fibers.**
- **Stable across a wide pH range and processing temperatures.**

Typical Properties:

Property	Specification
Appearance	Clear to pale yellow liquid
pH (25 °C)	6.0 – 8.0
Ionic Nature	Nonionic
Water Miscibility	Fully soluble
Stability	Stable at pH 4 – 9 and temperatures up to 80 °C

Application:

- **Apply Texglide YL in sizing, warping, weaving, or knitting processes as required.**
- **Typical dosage: 0.3 – 1.5 g/L depending on yarn type and processing conditions.**
- **Can be used alone or in combination with other auxiliaries.**
- **Ensure thorough mixing for uniform application.**

Precautions:

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

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 original unopened packaging.**
- **“Best use before end” date marked on the product label.**

Issued by:
Tusi Haytham Bio Limited – Technical Division
Product: TEXGLIDE™ Series – Texglide YL
Category: Yarn Lubricator