TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

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TUSHFIN™ Series – Tushfin SRA
Soil Release Agent – Textile Finishing Applications

Manufacturer: Tusi Haytham Bio Limited

Product Description:
Tushfin SRA is a high-performance soil release agent designed to improve the washability of fabrics by preventing soil and stains from adhering to fibers. It enhances fabric cleanliness, maintains fabric hand, and ensures long-lasting soil repellency for garments and home textiles.

Key Performance Properties:

- **Improves soil and stain release during washing.**
- **Reduces adherence of oil, dust, and particulate matter on fabrics.**
- **Compatible with common textile fibers and finishing processes.**
- **Maintains soft hand and drapability of treated fabrics.**
- **Can be used on garments, upholstery, and other textile applications.**

Typical Properties:

Property	Specification
Appearance	Clear to pale yellow liquid
Solid Content	10 – 20 %
pH (25 °C)	5.0 – 7.0
Solubility	Fully miscible in water
Stability	Stable under normal storage and process conditions

Application:

- **Apply Tushfin SRA via padding, exhaust, or finishing bath processes.**
- **Typical pickup: 1 – 5 % owf depending on fabric type and desired soil release effect.**
- **Cure or dry fabric according to process requirements for optimum finish.**
- **Compatible with softeners, water repellents, and other finishing auxiliaries; optimize via lab trials.**

Precautions:

- **Avoid direct contact with eyes and skin; wear protective gloves and eyewear.**
- **Do not mix with strong acids or oxidizing agents without dilution.**
- **Store in tightly sealed containers to maintain product quality.**

Packing Size:
Available in 25 kg, 60 kg, and 200 kg HDPE drums.

Storage:

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

Issued by:
Tusi Haytham Bio Limited – Technical Division
Product: TUSHFIN™ Series – Tushfin SRA
Category: Soil Release Agent – Textile Finishing Applications