



MAHESHWARI CHEMICALS

STA-SWPI Liq

Chemical Nature: Cationic softeners have been well established on all fiber natural and synthetic but lack durability to washing treatments. By virtue of their affinity for fibers, the conventional softeners are absorbed by treated textiles in exhaust application but they cannot withstand washing treatments, it is in this context. **STA SWPI liq** is offered, which is found to be wash fast on all synthetic fiber including cotton, polyamide, polyester and polyacrylic. **STA SWPI liq** gives a unique handle when applied on synthetic and its blends. It does not affect the shade neither the fastness properties to light and wet treatments. When applied within the recommended dosage a level, **STA SWPI liq** does not promote thermo migration of disperse colors dyed on polyester high covering power with high abrasion resistance. It is a high fatty acid condensation product with best in industry fat base.

Typical Characteristics

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| 1. Appearance | : Brownish Yellow Translucent Liquid |
| 2. Chemical Nature | : Derivative of fatty acid condensation |
| 3. Ionic Nature | : Cationic |
| 4. Concentration | : 100% Concentrated |
| 5. Fatty Acid Base | : Oleic Acid and Coco Fatty Acid |

Method of Application

STA SWPI liq is suitable for most fibers and provides unique all round softness. This has an inherent low pH value in product itself, & this fact needs to be considered. While adjusting the finishing bath, If higher pH of finishing bath desired due to the nature of finish, adjust with sodium bicarbonate solution.



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STA SWPI liq is recommended as a self-finish on cotton, polyamide, polyester and acrylic blends. It is applied either by the exhaust method or in padding and drying.

Sample recipe :

1. Exhaust method

STA SWPI liq : 0.5 - 2% (on the weight of goods) Treat for 30 mins at 50°C – 60°C - hydro extract and dry at 140°C - 150°C

2. Padding method

STA SWPI liq : 10 - 20 g/l .

Storage

Do not store above 40°C or in direct sunlight.

Always keep the container closed after each withdrawal of material.