



StarSoft™ HCA

General purpose cationic softener

Product Description

StarSoft™ HCA is a cationic softener that gives superior performance on cotton and poly/cotton blends. *StarSoft*™ HCA imparts a soft, lofty, luxurious hand that enhances fabric strength, appearance and handle. This softener product does not adversely affect the shade, lightfastness or crockfastness of dyed or printed fabrics. It is compatible with most cationic and nonionic products normally used in textile wet processing.

Special Properties

- Imparts a nice soft and silky hand
- May be applied by padding or exhaustion
- Improves sewability
- Especially suitable for cotton and poly/cotton blends
- Non-yellowing

Typical Physical Properties

Appearance	slightly viscous emulsion
Color	off-white
Specific Gravity	0.86
Ionicity	cationic
pH (5%)	3.5–4.5
Odor	slightly acetic
Viscosity	500–1500
% Active Solids	19.0–21.0
Solubility	dispersible in water
Flash Point	200°F (93°C)

Application

*Premix one (1) part **StarSoft**™ HCA to two (2) parts water before adding to bath. **StarSoft**™ HCA may be added directly to a cold or warm bath.*

Exhaust Application

The substantivity of *StarSoft*™ HCA allows the product to be exhausted during the last rinse in dyeing. Use 0.5–2.0% on the weight of goods (owg) of *StarSoft*™ HCA depending on the softness desired. After the softener is added to the bath, run 10–15 minutes at 70–90°F (20–30°C). Optimum exhaustion of the softeners occurs at a pH of 4.5–5.0.

Pad Application

StarSoft™ HCA may be used with most auxiliaries found in a normal finish bath. The use of 0.75–2.0% owb will yield a soft, silky hand.

Storage

KEEP FROM FREEZING. If exposed to temperatures below 32°F (0°C) for long periods, *StarSoft*™ HCA may thicken.

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