



ORGANIC DYESTUFFS CORPORATION

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ORCOSOFT NQ 320-S®

Description:

Orcosoft NQ 320-S is a unique cold-water dispersible cationic softener, lubricant, and anti-static agent which produces an unusually smooth, soft hand on synthetic fibers and cotton. Being a non-quaternary type softener, **Orcosoft NQ 320-S** offers less effluent problems than comparable type softeners.

Properties:

<i>Appearance-</i>	Off-white smooth paste
<i>Ionic Nature-</i>	cationic
<i>Compatibility-</i>	Compatible with cationic and non-ionic materials, as well as other finishing agents(urea, starch, dextrin, etc.) and hard water.
<i>Shelf Life-</i>	Excellent in closed containers. Stock solutions prepared at lower usage concentrations are also stable.

Advantages:

Orcosoft NQ 320-S is an outstanding softener, lubricant and anti-static agent which offers:

- Smooth paste with complete dispersion in cold water. There is no need for pre-mixing or live steam.
- A direct addition to the finish bath
- Softening without shade changes
- Complete solubility and exhaustion to minimize crocking
- Fiber lubrication and anti-static protection when added in dye baths.

Applications:

Orcosoft NQ 320-S can be applied to all natural and synthetic fibers by exhaustion, pad, or spray methods.

Procedures:

- * On *acrylic, polyester, nylon, and blends*, use 1-2% owf **Orcosoft NQ 320-S** in the final rinse at 70-90°F(21-32°C). Run for 5-10 minutes. On package work, rinse away anionic detergents before applying the softener. In exhaustion onto synthetics, more uniformity results at lower than at higher temperatures and with the pH adjusted to about 6.0 with acetic acid. As a result, treated fibers exhibit superior drying, picking, spinning and knitting properties. On *cotton piece goods*, pad on 1.5% dispersion of **Orcosoft NQ 320-S** for a soft hand.
- * On *cotton knit goods*, apply 0.5-1.0% owf **Orcosoft NQ 320-S** in the washer or dye beck.
- * Treat *cotton hose* with 0.5-1.0% owf **Orcosoft NQ 320-S** added directly to the wash-wheel after the final rinse.
- * For a cashmere-like hand on *woolen and worsted goods*, apply 1.0-3.0% owf **Orcosoft NQ 320-S** in fulling or in the final rinse.
- * As a *napping assistant*, 3.0-5.0% owb can be padded onto the fabric or 1.0%owf may be run in the dyebath to impart a soft, high pile.

Many opticals are compatible with **Orcosoft NQ 320-S** in the same bath.

C O L O R A N T S F O R A L L I N D U S T R I E S

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