

## Orconol CHSA Conc™

**Orconol CHSA Conc™** is a special product developed for use as a detergent for greasy or soiled goods, a retardant in dyeing, an acid fulling agent, emulsifier for oils, fats, and waxes, and a dispersing agent for pigments.

### Physical Properties

<b>Appearance</b>	clear, slightly viscous liquid
<b>Ionic Charge</b>	nonionic
<b>Solubility</b>	soluble in water, miscible in alcohols and ketones
<b>Cloud Point</b>	190°F(88° C) in 1% aqueous solution
<b>Mean Particle Size (um)</b>	Info here...
<b>pH</b>	7 - 9

### Applications

**As a detergent** - In view of its wetting, scouring, dispersing and emulsifying properties, **Orconol CHSA Conc™** is especially suited for the pre-scouring of wool, wool/ Orlon, and wool/Dacron fabrics or yarns where a certain degree of softness is desired. **Orconol CHSA Conc™** has the unique property of distributing residual oils more uniformly throughout the materials, aiding to produce more evenly dyed goods. These properties also make **Orconol CHSA Conc™** invaluable as an after-scouring agent for wool and synthetic fibers.

**Stabilization of finishing formulations** - Use 0.5-1.0% **Orconol CHSA Conc™** on weight of fabric(owf). **Orconol CHSA Conc™** is compatible with anionic and cationic agents and has been used as a stabilizing assistant without interfering with resins, water repellents, and softeners.

**Wetting agent and penetrant** - In bleaching liquors, use 0.05 - 0.1% **Orconol CHSA Conc™** owf. **Orconol CHSA Conc™** is compatible with hypochlorite and peroxide bleaching liquors, and speeds the bleaching process making possible a use-reduction in bleaching chemicals.

**Dyeing of Orlon and Orlon/wool blends** - Use 0.5 - 1.0% of **Orconol CHSA Conc™** owf to reduce interference from any anionic agents which may be left on the fiber from scouring. With fiber blends, **Orconol CHSA Conc™** keeps the cationic dye staining of wool to a minimum and allows better buildup on the Orlon.

**Dyeing of Cotton and Rayon** - Use 0.10 - 0.25% of **Orconol CHSA Conc™** owf with the use of direct or vat dyes to promote level dyeing. **Orconol CHSA Conc™** also reduces bronzing in dyeing with sulfur dyes.

**Dyeing of Wool** - Use 0.5 - 1.0% **Orconol CHSA Conc™** owf to prevent rapid strike of Acid Milling dyes. **Orconol CHSA Conc™** also promotes level dyeing and imparts some softness to the wool fiber.