

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

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

Information contained in this technical data sheet is up-to-date and correct to the best of our knowledge at the date of issue and are subject to change. As Organic Dyes and Pigments LLC cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. Organic Dyes and Pigments LLC will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given.
Released: 10/20 RY

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