



ORGANIC DYESTUFFS CORPORATION

CORPORATE OFFICE

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ORCONOL CHSA CONC®

Description: **Orconol CHSA** 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.

Properties:

<i>Appearance</i> -	clear, slightly viscous liquid
<i>pH</i> -	7 - 9
<i>Type</i> -	nonionic
<i>Solubility</i> -	soluble in water, miscible in alcohols and ketones.
<i>Cloud Point</i> -	190°F(88° C) in 1% aqueous solution

Applications: Uses in textile finishing and dyeing operations:
Detergent- In view of its wetting, scouring, dispersing and emulsifying properties, **Orconol CHSA** 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. It has the unique property of distributing residual oils more uniformly throughout the materials, which aids in producing more evenly dyed goods. These properties also make it invaluable as an after-scouring agent for wool and synthetics as well as blends of these fibers.

Stabilization of finishing formulations- Use 0.5 - 1.0%owf **Orconol CHSA**. Compatible with anionic and cationic agents, **Orconol CHSA** 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%owf. Compatible with both hypochlorite and peroxide bleaching liquors, the use of **Orconol CHSA** speeds the bleaching process and makes possible a reduction in bleaching chemicals.

Applications: *Dyeing textile fibers :*

Orlon and orlon/wool blends - 0.5 - 1.0% owf insures interference from any anionic agents which may be left on the fiber from scouring. In blends it keeps the cationic dye stain on wool to a minimum and allows better buildup on the orlon.

Cotton and rayon - 0.10 - 0.25%owf is recommended in the of direct or vat dyestuffs to promote level dyeing.

Orconol CHSA also tends to reduce bronzing in dyeing with sulfur colors.

Wool - 0.5 - 1.0%owf prevents the rapid strike of milling dyestuffs, also promotes level dyeings and imparts some softness to the wool fiber.

Procedures: Effective concentrations - 0.5 - 1.0% owf

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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