



ORGANIC DYESTUFFS CORPORATION

CORPORATE OFFICE

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ORCOFIX EC®

Description: **Orcofix EC** is a cationic resinous type aftertreating agent designed to improve the wash, perspiration, sea water, and wet fastness of dyeings and prints on cotton, viscose, and blends containing wool. It is miscible in water in any concentration and in most cases is compatible with CRF and durable type resins.

Properties:

<i>Appearance-</i>	clear, viscous liquid
<i>Ionic Charge-</i>	cationic
<i>Odor-</i>	mild

Procedures: *In becks, package machines or jigs* apply **Orcofix EC** in the last cold rinse after dyeing. Raise the temperature to 120°F (49°C) and hold for 20 minutes. Dry without rinsing. If bath is heavily stained with precipitated dyestuff, use a warm rinse (100°F (38°C)).

On a continuous range apply **Orcofix EC** at 120°F(49°C) after the last cold rinse and dry without rinsing. Depending upon the fastness requirements, depth of shade and the dyestuff used, satisfactory wash fastness may be obtained without altering lightfastness by using 3-5% owg or in the case of padding, 4-5% on the weight of the bath.

For blends containing wool to improve the wet fastness of dyeings produced Direct or Reactive dyes in conjunction with acid dyes, use 4-6% owg **Orcofix EC** O.W.G. at 85°-120°F(30-49°C)

Procedures: *Textile printing* For direct prints with substantive and acid dyestuffs on rayon and blends, **Orcofix EC** prevents bleeding of color to the white ground and improves wash fastness. After steaming, treat the printed material either on the dye beck with 2-5% owg **Orcofix EC** (liquor ratio 1:20) at 85°-120°F(30-49°C) for 15 - 20 minutes, or pad in the open width with 1-2% on bath volume, followed by a rinsing and soaping at 100-110°F(38-43°C).

Orcofix EC Removal/Stripping before re-dyeing:

If the material must be re-dyed or stripped and dyed, it is necessary to remove the fixing agent first by treating the material with 0.1% owg Hydrochloric Acid solution cold for 30 minutes, rinse and neutralize with Soda Ash, before stripping.

Notes: **Orcofix EC** should not be used with metallic salts. It is cationic in nature and therefore anionic auxiliaries should be avoided.

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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