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Associazione Tessile e Salute
Azienda associata

p.IVA 00736390964 C.F. 02639210158 c.c.i.a. Milano n. 927455 Codice ISS azienda 00736390964

EGALTEX A CONC.

Levelling and Discharging Agent in Alkaline Media – Reducing Agent for Dyes and Prints, Also Excellent for Levelling in Direct Dyeing

Chemical Characteristics: Polyvinylpyrrolidone in aqueous solution

Appearance: Slightly viscous liquid

pH of 1:10 solution: Practically neutral

Ionic Charge: Nonionic

Solubility: Dilutable in water, even cold, in all proportions

Compatibility: Compatible with auxiliaries used in the textile industry

Stability: Solutions are stable in acids, alkalis, and electrolytes, as well as with hard water salts

Foaming Properties: Non-foaming

Characteristics: Due to its affinity for dyes, it binds them, preventing fiber redeposition. Its presence shifts bath equilibrium toward “dye in the bath,” making it ideal for discharge baths.

Applications:

- *Degraftant for polyamides*
- *Anti-flocculant for titanium dioxide or similar pigments in synthetic fiber opacification operations (dose = 2–4% on pigment)*
- *Levelling and leveling agent for Tin/Vat dyeing with Direct Dyes*

Particularly recommended for dyeing with high-affinity dyes, especially for light shades. Dose = 0.05–0.2%

Discharge of Dyes and Prints: Requires co-use of a suitable dispersing agent, e.g., Gamol Plus or Gamol WS.

Example Recipe:

- Gamol Plus: 3%
- Caustic Soda 36°Bè: 15–25 cc/L
- Sodium Hydrosulfite: 5–8 g/L



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- Egaltex A CONC.: 2–4 g/L

Treatment: 1 hour at 60–80°C. Recipe valid for Tin, Direct, Sulfur, and Reactive Dyes. For Tin dyes sensitive to over-reduction, add 2–4 g/L glucose. Liquor Ratio (L.R.) = 1:10–1:5

For optimal results, use the highest possible L.R. Followed by rinsing and, if possible, mild oxidative soaping to facilitate removal of discharged dye.

Lightening of Direct Dyes and Prints:

- Sodium Carbonate (calcined): 0.5–2 g/L
- Egaltex A CONC.: 1–2 g/L
- L.R. as high as possible at 90–95°C

If dyes are fixed, remove the fixer before treatment with Egaltex A CONC.

Washing of Prints with Direct and Reactive Dyes:

Adding Egaltex A CONC. to wash baths prevents migration of Direct and Reactive dyes onto the white base and prevents substantive dyes from staining corrosion effects.

- Gamol Plus: 2–3 g/L
- Egaltex A CONC.: 0.5–1 g/L

Dry Cleaning:

Adding 4 g/L Egaltex A CONC. to the stain-removal solution minimizes migration of unfixed dyes.

Wet Cleaning:

When the dyestuffs used on the fabric are unknown, it is recommended to add 0.5–1 g/L in pre-wash and 1–2 g/L in the main wash of Egaltex A CONC.

Keywords: Levelling agent, leveling agent, reducing agent, discharge agent, discharge, direct dyes, printing, degreasing, anti-flocculant, Tin, Vat

The data provided are based on careful studies and/or practical experience; however, they are indicative only and without any guarantee for use. The information in this datasheet should not be considered as specifications.

For further information: e-mail info@gammacolorsrl.com