

ORCO Dye Assist 10-4 Liquid™

ORCO Dye Assist 10-4 Liquid is a versatile concentrated dyeing assistant for use on 100% cotton and blends with polyester, wool and polyamides. Having low foaming properties, the product provides excellent leveling when used with directs, reactivities and or disperse dyes whether in becks, jigs, paddle equipment or even jets at elevated temperatures. In addition to its excellent levelling characteristics, Orco Dye Assist 10-4 provides wetting as well as dispersion characteristics when used with disperse dyes.

Physical Properties

Appearance	Yellow Liquid
Odor	Pleasant odor
Ionic Classification	Anionic
Solubility	Easily soluble in all temperature water at all concentrations.
Stability	Stable in acids, bases, hard water, nonionics and anionics.
Activity	45% +/- 5%
Specific Gravity	1.16
pH	8 – 10

Advantages

- Concentrated resulting in low usage levels.
- Stable throughout all typical dye bath temperatures.
- Because of its excellent dispersion characteristics –the need for an additional dispersing agent is not required when dyeing polyester/ cotton at high temperature. Disperse dye agglomeration is eliminated.
- When used in garment dyeing of cotton knits-excess spinning oils and lubricants are kept in dispersion to help eliminate re-deposition.

Use

100% cotton, directs, reactivities:

- Light pastel shades: .75-1.0% o.w.g.
- Medium shades: .60-.75% o.w.g.
- Dark shades: .35-.60% o.w.g.

Polyester/ Cotton blends-jet work*:

- Light pastel shades: 1.0-1.50% o.w.g.
- Medium shades: .75-1.00% o.w.g.
- Dark shades: .75-1.00% o.w.g.

Storage and Handling

Store in a closed container at ambient conditions when not in use.
Please consult SDS for further information.

Disclaimer

Information contained in this technical data sheet is up-to-date and correct to the best of Organic Dyes & Pigments' knowledge at the date of issue and are subject to change. As Organic Dyes & 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 & Pigments 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.

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