

ADI-SEQ R LSD

Leveling, sequestering and dispersing agent

ADI-SEQ R LSD is a protective colloid with sequestering properties for dyeing of cellulose and cellulose fiber mixtures.

Characteristic

- Usually applied in dye bath.
- Forms complexes with heavy metals and prevents shade deviations when using dyestuffs sensitive to copper or iron.
- Has high dispersion capacity.
- Can also be applied in the after treatment of dyeing.
- High binding capacity to water hardness.
- Is foam free and has no dyestuff retaining property.

Properties

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| Chemical constitution: | Poly carboxylic acid with modified phosphonates |
| Ionic character: | Anionic |
| Physical form: | Clear |
| Storage stability: | ADI-SEQ R LSD is stable for 1 year when properly stored in closed containers at 20 °C. Thermally stable Product change at temperatures BELOW 0°C possible. Change reversible by heating and stirring. |
| Ecology/toxicology: | The usual hygiene and safety rules for handling chemicals should be observed in storage, handling and use. |
| consistency | Liquid |

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NOTE: -The information and data contained herein are based on controlled or lab work. The recommendations are given on Previous experience basis but cannot be extended to cover every possible case. It should be verified and evaluated by The user by testing for the intended conditions of use. AIDA dyes & chemical does not express or imply any Warranty or guarantee. The suitability of the product for the application, intended by buyer of the product

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Application

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|---------------------------------|---|
| <i>Substrate:</i> | <i>Cellulosic fibers and their blends, wool</i> |
| <i>Operation:</i> | <i>Dyeing</i> |
| <i>Dissolving method:</i> | <i>Can be added in any ratio.</i> |
| <i>Application temperature:</i> | <i>Throughout the entire temperature range.</i> |
| <i>Compatibility:</i> | <i>Compatible with most resins and other finishing products (we recommend, however, that preliminary trials are carried out in the lab. Similarly with regard to the catalyst to be chosen.</i> |
| <i>Stability agents:</i> | <i>Good stability in slightly acid and slightly alkaline range as well as to causing hardness water.</i> |

Guide recipes

ADI-SEQ R LSD can be used in following recip:

Reactive dyestuffs: 1 – 4 g/l ADI-SEQ R LSD

- The sequestering and protective colloid action reduces reproduction and precipitation problems during reactive dyeing which are due to a bad/unsteady water quality and to an insufficient pretreatment of native Cellulose fibers and Cellulose/elastane blends.
- The dispersing and dye solubilizing action is advantageous especially when dyestuffs of large molecular size are applied, namely blue, and green and turquoise types on the basis of Phthalocyanine.