

Nestogen - DSR

(Concentrated Desizing & Emulsifying Agent)

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|-----------------|---|---------------------------------------------------------------------------------------------------------------------|
| Chemical Nature | : | Synergistic blend of Anionic & Non-ionic compounds |
| Ionic Nature | : | Anionic |
| Appearance | : | Yellow Brown Liquid |
| Solubility | : | Readily soluble in water |
| Stability | : | Excellent |
| Compatibility | : | Stable in preparation and peroxide- bleach liquors and compatible with anionic, cationic and non-ionic auxiliaries. |

Special features:

- Good emulsifying, dispersion of fats, waxes and knitting lubricants.
- Maintains high dispersing efficiency throughout the heating and cooling cycle and so prevents size agglomeration and surface re-deposition.
- Removes efficiently processing agents like natural and synthetic sizes, starches, modified starches, starch ethers, cellulose ethers, water soluble and insoluble acrylic polymers & copolymers, PVAs, spin finishes.
- Does not stain PES and ensures optimum brightness and colour clarity even in pale fluorescent optical brighteners.
- Effectively controls foam generation in high turbulence system.

Application:

Nestogen - DSR is an efficient pretreatment processing aid showing excellent cleansing action. A general guide recommendation can be as follows,

A) In Desize / Scour of polyester substrate

Recommended usage levels in jig, jet, soft flow and yarn-package machines are

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|-----------------------|-----------------|
| Caustic | 1.0 - 2.5 gpl |
| Nestogen - DSR | 0.5- 1.0 gpl |
| Temperature | 90°C – 110°C |
| Duration | 30 – 45 minutes |

B) Scour/Bleach for cotton/Polyester-Cotton fabrics

| | |
|--------------------------|----------------|
| Nestogen - DSR | 0.75 – 1.5 gpl |
| Nescent - O ₂ | 0.5 – 1 gpl |
| Hydrogen Peroxide | 1 – 4 gpl |
| Temperature | 95°C – 105°C |

Duration 45 – 60 minutes

Storage Stable under normal conditions.
Packing 50 Kg. Plastic Drum

The product appearance varies from batch to batch. The colour & viscosity may vary from batch to batch and its intensity is not an indication of product strength.

NONWARRANTY: The suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale.

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