

**PrintRite™ DP 316**

Formulated Pretreatment Concentrate for Textile Digital Printing

PrintRite™ DP 316 is a formulated, concentrated, water-borne, pretreatment for water-based pigment ink digital printing on cotton and cotton-polyester blends. Once applied it provides an invisible finish with minimal impact on original fabric handle. Supplied at approximately 20% solids (by weight) it is diluted with DI water (typically 4:1) prior to use. It is the concentrated version of PrintRite™ DP 306 (which is supplied as a ready-to-use liquid at 4.5% solids (by weight)). After dilution, PrintRite™ DP 316 is designed to be applied via spraying or padding to light colored cotton, polyester or cotton polyester blend fabrics which are subsequently used for wide format, roll-to-roll, direct-to-textile digital printing using water based pigment inkjet inks. PrintRite. Once diluted with de-ionized water, it is best to use within 1 week. For optimal performance, please contact your account manager or technical market manager for the DP306/DP316/DP316A processing sheet.

**FEATURES AND BENEFITS**

- Abrasion Resistance
- Adhesion
- Antibacterial Protection
- Breathable
- Clear
- Durable
- Flexible
- High Optical Density
- High Print Quality
- Ideal for inkjet print applications
- Ink Receptive
- Non-Bleed
- Oekotex Tested
- Printability
- Rub Resistance
- Scratch Resistance
- Smudge Resistance
- Soft Hand
- Water Resistance

**CHARACTERISTICS**

Characteristic Name	Value
Appearance	Transparent Amber Liquid
Brookfield Viscosity (cps)	10 to 200 (RVT @ 25C
Density (g/cc @ 25 °C)	1.06
pH Value	1.8 to 3.2

**REGULATORY**

- Ammonia-Free<sup>1</sup>
- Formaldehyde-Free<sup>1</sup>

<sup>1</sup>Not intentionally added to the composition of this product

## APPLICATIONS

- Apparel Coatings
- Home Furnishing Coatings

## AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America

## RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 180 days. See SDS for storage conditions and handling instructions.

## REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizol.com/coatings](http://www.lubrizol.com/coatings).

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

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