

Diamond Dispersions™ DSC Color Dispersion

Cyan Disperse Dye Aqueous Dispersion

Based on the high-quality inkjet grade dye DISPERSE BLUE 359, DSC provides vibrant, long-lasting colours and good printability. Having been stabilised utilising Diamond’s dispersing technology, this tried and tested dispersion is also extremely stable and easy to formulate. Typical applications include; sublimation inks for polyester, direct to fabric inks for polyester and poly/cotton blends.

CHARACTERISTICS

Characteristic Name	Value
100% Particles less than (nm)	<500
Appearance	Blue liquid
Average mean particle size (nm)	<150
CI Reference	Disperse Blue 359
Conductivity at 25°C (µS)	<1500
Lightfastness (blue wool scale)	5
Solids (wt %)	16 ±0.5
Surface Tension at 25°C (mN/m)	32 - 42
Viscosity (mPas) at 25°C & 60 rpm	<10
pH	6.0 - 8.0

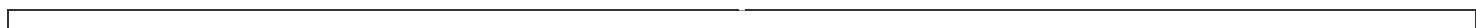
REGULATORY

- APEO-Free¹
- Ammonia-Free¹
- DecaBDE Free¹
- Formaldehyde-Free¹
- Halogen-Free¹
- Low PFOA²
- Low VOC⁴
- NEP-Free
- NMP-Free¹
- PTFE-Free¹
- TEA-Free¹

¹Not intentionally added to the composition of this product

²Not intentionally added nor expected to be present above limit values specified in Annex I of Regulation (EU) 2019/1021 adding PFOA, its salts and related substances under the Stockholm Convention on POPs effective July 4th 2020.

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is



desired based on calculations.

APPLICATIONS

- Apparel Coatings
- Custom Textile Formulations
- Digital Printing Inks
- Particle Dispersions
- Technical Textile Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEAI
- Latin America
- North America

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.

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:

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