



## **Brilliant Fluorescent Water Based Emulsions**

### **BFE-7700 SERIES**

An incredibly fine particle fluorescent colorant in emulsion form for use in applications where small particles and low viscosity are desired.

#### **Principal Applications**

- Water Flexo inks
- Textiles
- Highlighter inks
- Jet Inks

#### **Product Features and Benefits**

- Fine Particle Size                      Allows for use in applications that require submicron size particles
- Spherical Shape                        Offers excellent light scattering/opacity and washability
- Low Viscosity                            Allows formulators to add their own rheological additives of choice and provide for utmost customization
- Broad Palette of Colors                Provides formulators wide latitude in color matching

#### **Specifications**

Particle size distribution	D50 = 0.25 – 0.30 microns D90 = 0.40 – 0.50 microns
Viscosity, 25°C	20 - 30 centipoise
Percent Solids	Approximately 45%
Typical pH range	6.4 – 6.8

**Color Guide**

SHADE	CODE
Pink	BFE-PK7711
Red	BFE-RD7713
Orange	BFE-OG7715
Yellow	BFE-YE7717
Green	BFE-GR7718
Blue	BFE-BL7719
Violet	BFE-VT7720
Magenta	BFE-MG7721

**Storage**

When stored in a cool, dry environment, BFE Emulsions are stable for six to twelve months but may experience slight settling, requiring agitation. Colorant containers should be kept closed to minimize contamination.

**Toxicity**

Tests conducted through independent laboratories have found Brilliant BFE-Series Fluorescent Emulsions to be "essentially non-toxic." BFE Series is APEO Free. A summary of the test data is listed on the MSDS, which is available upon request. Good industrial hygiene and handling methods are essential in the use of all products whether or not they are determined to be hazardous.

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**Technical Information**

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