

# Radglo<sup>®</sup> AFX

## General information

### General description:

- Daylight and ultra-violet responsive fluorescent submicron dispersion - free of formaldehyde - for water based formulations.
- A dyed/pigmented dispersion of an earth-friendly product.

### Applications:

- Water based textile printing, pad dyeing, pigment exhaust dyeing
- Water based printing inks and paper coatings.

### Product features

- Radglo<sup>®</sup> AFX contains approximately 50% fluorescent pigments dispersed in water.
- Radglo<sup>®</sup> AFX is free of the following chemicals: Formaldehyde, Alkyl phenols (Ethoxylates), AZO compounds, Aromatic amines, SVHC Chemicals, Heavy Metals, Perfluorooctanoic Acid, Regulated Phthalates, Polyaromatic Hydrocarbons, Bisphenol A (BPA)
- For aqueous formulations, the use of preservatives is highly recommended. The right preservative package (combination of bactericides and fungicides) should provide reliable, highly effective control of microorganisms in the intended formulation.

### Standard colors:

Product name	Description
AFX-10	Chartreuse
AFX-13	Orange
AFX-16	Cerise
AFX-17	Pink
AFX-18	Magenta
AFX-78	Purple

### Packaging:

1 HDPE jerry-can = 20kg

## Technical information<sup>(1)</sup>

### Physical properties

Delivery form	Liquid, 48-52% solids
Average particle size	0.20 - 0.40 µm
pH range	5.0 - 6.0 (AFX-10)
	3.0 - 5.0 (AFX-13/16/17/18/78)
Specific gravity	1.0 - 1.1 g/ml
Grind – Hegman (0-8)	4.0 - 8.0 (AFX-10)
	5.0 - 8.0 (AFX-13/16/17/18/78)
Brookfield viscosity	30.0 - 200.0 cps

### Processing

Solvent resistance	Water based product
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<sup>(1)</sup>Test methods and Certificate of Analysis (COA) available on request.

### Storage & shelf-life:

18 months after production date when kept in closed original packaging in a dry place at ambient temperatures. Dispersion should be protected from freezing.

### Safety & regulatory:

REACH compliant. Safety Data Sheet and Regulatory Status (RS) available on request.

Do you need more technical & commercial information? Please consult **Product Promotion Sheet**.