



## wetting dispersant

### Better BWD-8193

#### *1. Product Description:*

**Better BWD-8193** It is a high molecular weight block copolymer solution containing pigment affinity groups with a 30% active content. BWD-8193 is a resin free stable pigment concentrate specifically designed for the production of anti floating and anti blooming general water-based industrial coating systems. It does not contain organic solvents and is suitable for water-based systems and printing inks.

It has a good dispersing effect on carbon black and organic pigments, and is suitable for both resin based and resin free systems. Providing excellent dispersibility to the system, effectively reducing its viscosity, especially providing excellent flowability and storage stability.

#### *Product specifications:*

Appearance	Transparent yellow viscous liquid
Solid content%	30
Specific gravity (20 °C)	1.06 g/cm <sup>3</sup>
flash point	100°C
acid value	10mgKOH/g

#### *Application scope:*

Waterborne pigment concentrate, architectural/industrial/automotive/anti-corrosion coatings, printing inks, wood coatings, etc.

**Recommended dosage:** (The dosage depends on the diameter of the pigment, and the optimal dosage must be determined through a series of experiments)

pigment	%Dispersant activity
Inorganic pigment	20-30%
Organic pigments	30-75%
titanium dioxide	10-12%
carbon black	50-150%

#### *Usage method:*

In order to obtain the best performance, additives need to be slowly added (under stirring) to the mixture of grinding resin/cosolvent or lotion resin. When used in resin free pigment concentrated slurry, it is necessary to mix the additives with water evenly before adding the pigment. Pigments must be



added slowly after the additives are fully dispersed.

***Packaging, transportation, and storage:***

package: 25KG、 200KG/barrel

Transportation: It belongs to the storage of non hazardous materials and can be transported as general chemicals

Storage: Store this product in a cool and dry environment; Anti freezing and sun exposure; Under normal circumstances, the shelf life is one year.

***Heavy metal content:***

Content	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Zn
ppm	<5	<2.5	<10	<5	<5	<5	<5	<5	<10