



深圳市海威助剂新材料科技有限公司

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## CDI-145

**Water borne wetting and dispersing additive**

**For aqueous pigment concentrate, aqueous industry coating and aqueous printing ink**

**High-performance, Low-cost  
VOC free**

### Product Data:

**Appearance:** light yellow liquid

**Composition:** water solution of high molecular weight block copolymer with pigment affinity groups

**Active matter:** 40%

**Storage and Transportation:** keep between 10 °C-35 °C; once separation or turbidity found during storage when temperature is too low, warm up the product and mix well before usage.

**Shelf Live:** 18 months

### Special Features:

**CDI-145** a high-performance, low-cost product; good dispersibility of carbon black and organic pigments with low dosage

### Benefits:

- ▶ By steric stabilization, the additive can deflocculates and stabilizes the pigments effectively
- ▶ Achieve high level of gloss and colour strength
- ▶ Reduce viscosity, increase flowability of the pigment concentrate and pigment loading
- ▶ Improve transparency; improve hiding power
- ▶ Broad compatibilities; work for inorganic and organic pigments

### Recommend Levels:

Organic pigments: 35%-70 %

Carbon black: 70%-100 %

**The above-mentioned levels are for recommendation only. Users should optimize the levels through their own testing.**

### Incorporation:

Dissolve product in water well before adding pigments for grinding