

*Additives for coatings and printing inks*  
**DISPARLON<sup>®</sup>**

Aug. 2012

**DISPARLON<sup>®</sup> AQ-320**  
(Pigment wetting/ dispersing agent)

**DISPARLON AQ-320** is a solvent free wetting and dispersing agent based on a polymer containing phosphoric acid ester groups, designed for making predispersions of metallic pigments (i.e. aluminum paste, pearlescent pigments etc.) in water-borne coating systems.

**ADVANTAGES**

- Reduced co-solvent demand when making metallic pigment pre-dispersions
- Reduced viscosity of metallic pigment dispersions
- Improve orientation of metallic pigments
- Excellent water resistance

**APPLICATIONS**

**DISPARLON AQ-320** is recommended for water-borne coating systems.

**INCORPORATION/ ADDITIVE LEVEL**

Carefully dispersing **DISPARLON AQ-320** with co-solvent (i.e. butyl cellosolve, propylene glycol etc.) before adding the metallic pigments.

Recommended levels ..... 5 - 30 % by wt. on total metallic pigment

**TYPICAL PROPERTIES**

Appearance ..... Light yellow to amber, viscous liquid  
Active matter ..... 100 %  
Acid value ..... 14 mg KOH/g

Distributed by:  
King Industries, Inc.  
Science Road, Norwalk, CT 06852  
Ph: 203-866-5551



*Kusumoto Chemicals, Ltd.*

11-13, UCHIKANDA 1-CHOME, CHIYODA-KU, TOKYO JAPAN

(TEL) 81-3-3292-8685 (FAX) 81-3-3295-6079