

DISPARLON® AQ-610
Anti-Settling Agent for Water-Based
Systems



Science Road
Norwalk, CT 06852
(800) 431-7900
Fax: (203) 866-1268
E-Mail: coatings@kingindustries.com

DISPARLON AQ-610 is a polyamide-based thixotrope for use in aqueous systems. This product interacts with resin and pigments to form a network structure, that prevents sagging, and settling. AQ-610 is recommended for use in water-based emulsions or dispersions.

ADVANTAGES: Prevents hard caking by minimizing pigment settling
Excellent humidity resistance
Orientation of metallic and pearlescent pigments
Highly shear thinning

TYPICAL PROPERTIES:	Appearance	Clear yellow gel
	% Active	17
	Solvent (Propylene glycol monobutyl ether)	4%
	Water Content	79%
	Applications	Colloidal dispersions/emulsions

APPLICATIONS: DISPARLON AQ-610 is recommended for use in water-based systems such as dispersions, emulsions and water reducible polymers. The performance of the AQ products may be system dependent and it is recommended, therefore, that each be screened for maximum compatibility and suspension properties. AQ-610 is recommended for use in coatings to prevent settling and aid orientation of metallic and pearlescent pigments. It is recommended for use in aqueous wood coatings to prevent settling of flattening pigments.

TYPICAL USAGE LEVELS: 0.5 to 2.0% based on total weight of paint.

INCORPORATION: Add to formulation and grind for 20 minutes at 2000rpm or make pregel with 20 parts AQ/80 parts water and grind for 20 minutes at 2000rpm.

SHELF LIFE: 12 months from the date of manufacture, when stored at ambient conditions in the original container.

HANDLING & STORAGE: Keep the container tightly closed and store in a cool dry place. For further information please consult the Material Safety Data Sheet.

REGULATORY: All components of this product are listed or in compliance with U.S. TSCA, Canada NDSL, EEC EINECS, Japan MITI.

* DISPARLON is a Trademark of Kusumoto Chemical Ltd., Tokyo, Japan

File: AQ-610

Issue Date: 04/02

Supersedes: 10/99

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. Such testing has not necessarily been done by King Industries, Inc. ("King"). The facts, recommendations and suggestions herein stated are believed to be reliable; however, no guaranty or warranty of their accuracy is made. EXCEPT AS STATED, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. KING SHALL NOT BE HELD LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. Any statement inconsistent herewith is not authorized and shall not bind King. Nothing herein shall be construed as a recommendation to use any product(s) in conflict with patents covering any material or its use. No license is implied or granted under the claims of any patent. Sales or use of all products are pursuant to Standard Terms and Conditions stated in King sales documents.