# Additives for coatings and printing inks

# DISPARLON

March 2020

# DISPARLON AQ-330

(Pigment wetting/ dispersing agent)

**DISPARLON AQ-330** is a solvent free wetting and dispersing agent based on polymer with phosphoric acid group ester, designed for metallic pigments (i.e. aluminum paste, pearlescent pigments etc.) pre-dispersion in water-borne coating systems.

## ADVANTAGES

- Reduced co-solvent in the process of metallic pigment pre-dispersion
- Reduced viscosity of metallic pigment dispersion in particular
- Improve orientation of metallic pigments
- Excellent water resistance

#### APPLICATIONS

**DISPARLON AQ-330** is recommended for water-borne coating systems.

## ■ INCORPORATION/ ADDITIVE LEVEL

Recommendable process; Disperse carefully DISPARLON AQ-330 with water or co-solvent (i.e. 2-Butoxyethanol, propylene glycol) before adding pigments.

Recommended levels: 1 - 30% by wt. on total pigments (Inorganic pigments and fillers)

30-100% by wt. of total pigment (Organic pigments and carbon black)

# TYPICAL PROPERTIES

Appearance: Light yellow to amber, viscous liquid

Non-volatile matter: 100%

Acid value: 12mg KOH/g

#### STORAGE

Storage at room temperature.

Haze or separation might be observed. In such case, warm up to 40 - 50 degrees C and mix before use.

Kusumoto Chemicals, Ltd.
11–13, UCHIKANDA 1–CHOME, CHIYODA–KU, TOKYO JAPAN
(TEL) 81–3–3292–8685 (FAX) 81–3–3295–6079

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