Kusumoto Chemicals, Ltd.

DISPARLON® BAL-D326

Biomass-derived Wetting/Dispersing and Anti-settling Agent

TECHNICAL DATA SHEET
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DISPARLON® BAL-D326 is a biomass-derived wetting/dispersing and anti-settling agent, highly effective for dispersing inorganic pigments such as titanium dioxide.
DISPARLON® BAL-D326 adsorbs onto pigments to improve dispersibility while providing anti-settling and anti-floating properties. DISPARLON® BAL-D326 reduces the viscosity of high-pigment-loading systems and improves color strength and distinctness of image (DOI).

TYPICAL PROPERTIES

The following figures are typical properties, not to be used for specification.

Appearance	Yellow to amber liquid
Active component	100 %
Biobased content	100 %
Density (20°C)	0.93 g/cm^3
Acid value (mgKOH/g)	87

ADVANTAGES

- Environmentally friendly: high biobased content.
- Improves pigment wetting and dispersing properties.
- Stabilizes dispersed pigments: Prevents reagglomeration and provides anti-settling, anti-flooding, and anti-floating properties.
- Improves gloss, DOI, color strength and hiding power.

APPLICATION

DISPARLON® BAL-D326 can be used for a wide range of inorganic pigments and fillers in non-aqueous systems such as solvent-borne coatings and printing inks.

INCORPORATION

Addition levels

1–3 wt% for inorganic pigments.
The optimal additive level should be determined under actual use conditions.

Method

Addition at a grinding/dispersing stage is recommended.

STORAGE

Precipitation or solidification may occur at low temperatures.
In this case, heat at approx. 50 °C for more than one day and stir well before use.

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