

PROVISIONAL DATASHEET

Typical chemical and physical properties

ADDISP™ ECO is a **VOC and APEO-free, bio-based reactive** pigment dispersant designed for resin-free pigment concentrates for solvent, aqueous and UV systems.

Bio-based polymer with surface-active components.

Appearance	Clear orange/brownish liquid
Odour	Characteristic
Active content	±96%
Density at 25 °C	1.02 – 1.07 g/cm ³
Viscosity at 25 °C (Brookfield, 50 rpm)	<4000 mPa·s
pH 10% in water at 25 °C	8.0 ± 0.5
Biodegradation	Readily Biodegradable (OECD 301F)

This information is intended as a guideline only. For specifications, please consult the Certificate of Analyses.

Applications and typical treat level recommended

- (Resin-free) pigment concentrates 2.0 – 15.0% based on total paste
- Compatibiliser WB pigment paste in SB 0.1 – 1.0% on total formulation

Ladder studies are recommended to determine final concentration levels.

Starting point Formulations (SPF) available upon request; a “One for All” solution

Benefits

The multifunctional nature of ADDISP™ ECO provides the necessary dispersing properties for resin free pigment concentrates for solvent, aqueous and UV systems.

ADDISP™ ECO contains reactive moieties enabling reaction with oxidative and UV curing systems imparting improved durability.

ADDISP™ ECO is recommended to improve:

- Pigment grinding efficiency
- Reduction of pigment particle size <5 µm

No Pearl/Ball mill necessary – Dissolver only

- Lower energy costs and carbon footprint
- Reduction of production costs
- Reduction of waste and cleaning
- Reduction of maintenance costs
- Enables the use of water-based pigment concentrates in solvent-based formulations

ADDISP™ ECO

Safety and Handling	Please read Material Safety Data Sheet (MSDS) before handling.
Product Specification	This information is available on request through our local representative.
Packaging	This information is available on request through our local representative.
Storage	Protect from UV (daylight)

Quality Policy The objective of our quality policy is the continuous fulfilment of the internal and external requirements agreed upon with our partners with regards to everybody's performance.

The Quality System of ADDAPT® Chemicals BV is based on the principles of the NEN-EN-ISO-Standard 9001: 2015.

Liabilities *All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations, buyer or user remains responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility thereof. Buyer has to ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with, and subject to, our general conditions of sale and supply.*

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