

Typical chemical and physical properties

Universal reactive pigment dispersing agent partially sourced from biomass. As a 'One for All' solution, excels in preparing organic and inorganic pigment concentrates with particle sizes below 5 microns by using only a dissolver.

Biobased polymer with surface-active components.

Appearance	Liquid
Active content	~96%
Solubility	
Water	Soluble
Density at 25°C	1,02 - 1,07 g/ml
pH 10% in water at 25°C	7,5 - 8,5
Viscosity at 25°C	500 - 3,000 mPa·s

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

Application and treat level

Markets	Coating industry Ink industry
Applications	Pigment concentrates/colourants & fillers Water-based & solvent-based systems Anticorrosive coatings UV coatings Industrial coatings
Recommended dosage/usage	(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.

Suitable as Food contact material

Key benefits

- Readily biodegradable -- Biobased -- VOC free -- APEO/NPEO free -- Solvent free -- PFAS Free -- Free of MOSH/MOAH -- Free of silicone oils -

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

Contains reactive moieties enabling reaction with oxidative and UV curing systems imparting improved durability.

Recommended to improve:

- Improves 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.
- Lower investment costs.

One for all pigment dispersant.

- Suitable for inorganic, organic, carbon black, and various fillers.
- Suitable for water-, solvent & UV-based applications.
- Enables the use of water-based pigment concentrates in solvent-based formulations.

Safety and Handling	Please read Safety Data Sheet (SDS) 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	The product should be stored at a temperature of no less than 10 °C and no more than 25 °C and away from light. For more safety details read the Safety Data Sheet (SDS)
Quality Policy	The objective of our quality policy is the continuous fulfillment 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	<i>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.</i>

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