

Product description

Biodegradable wetting and levelling agent for water-based systems such as fountain solutions and water-based lacquers. It provides excellent static as well as dynamic surface tension values. Allows the necessary wetting and levelling/flow properties for water-based systems like PSA systems. It is used in paper coatings, lacquers and printing inks.

Typical chemical and physical properties

Chemical nature	Proprietary blend of polyalkylene glycols and polyhydroxy amide in water.	
Appearance	Transparent liquid	
Surface tension (0,2%) (dynamic)	40 Dyne/cm	
Surface tension (0,2%) (static)	35 Dyne/cm	
Solubility	Dispersible	
Water		
Odour	Characteristic.	
Density at 25°C	1,05 - 1,07	g/ml
pH at 25°C	5,0 - 8,0	
Viscosity at 25°C	100 - 500	mPa·s

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

Application and treat level

Markets	Coatings industry Ink industry Adhesives industry Paper industry Cleaner industry
Applications	Coatings and lacquers Printing inks and fountain solutions Pressure-sensitive adhesives (PSAs) Paper coatings Cleaner agents
Recommended dosage/usage	0,05 -1,5 % wt. based on total formulation

Key benefits

- Readily biodegradable -- APEO/NPEO free -

- Provides the necessary wetting and levelling/flow properties for water-based systems like pressure sensitive adhesive systems.
- Highly recommended for fountain solutions for low alcohol or alcohol-free printing processes.
- Improves open time and flow of (textured) masonry coatings and plasters.
- Non-foaming.
- Pigment grinding efficiency.
- Reduction of pigment particle size.
- Wetting of pigment surface.
- Wet-edge (open time) and flow of emulsion paints and plasters.
- Anti-corrosion properties.
- pH application area 4 – 13.

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