

# EDAPLAN<sup>®</sup> 910

## TECHNICAL INFORMATION

**Universal dispersing and wetting agent for organic pigments and inorganic pigments for water and solvent based coatings and pigment concentrates**

<b>Composition:</b>	Modified polyglycol ester	
<b>Appearance:</b>	liquid	
<b>Colour:</b>	yellow-brown	
<b>Typical Properties:</b>	Active ingredients:	approx. 100 %
	Consistency:	approx. 250 mPa*s
	Density at 20°C:	approx. 1.05 g/cm <sup>3</sup>
	Flash point:	above 100 °C
	pH (2% in dist. water):	approx. 3

*This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.*

**Properties/applications:** EDAPLAN 910 is a solvent-free dispersing and wetting agent with an active content of 100%. It is designed to disperse organic and to a limited extent inorganic pigments for universal use in both water and solvent based systems. It is ideal for the manufacturing of coatings as well as for the manufacturing of resin free pigment concentrates. EDAPLAN 910 is especially suited to produce water based and binder free universal pigment concentrates which are used as tinters for water based emulsion paints and coatings as well as for solvent based alkyd systems. EDAPLAN 910 stabilises dispersed pigments and reduces mill-base viscosity. Gloss and colour development are improved and reflocculation respectively Rub Out is prevented. The product is free of organic solvents and suited for the use in emission free applications.

**Recommended levels/use:** EDAPLAN 910 is added to the grind prior to the pigments. For optimum pigment dispersion in water based systems it is recommended to adjust pH appr. to 8 – 9,5. Ladder studies are recommended to determine optimum concentration level which is according to our experience about 5 – 50% calculated on pigment. For dosage recommendations for specific pigments please consult our additional technical information.

**Storage/handling:** EDAPLAN 910 is not sensitive to freezing but for better handling it should be stored between 15 and 25 °C. The minimum shelf life in closed containers is 12 months from the date of manufacture.

**Packaging:** Drums holding 155 kg net and kegs holding 25 kg net.