

EDAPLAN[®] 516

TECHNICAL INFORMATION

Dispersing agent for pigments and fillers in aqueous systems

Composition:	Salt of a polycarboxylic acid	
Appearance:	liquid	
Colour:	brownish, turbid	
Typical Properties:	Active ingredients:	approx. 20 %
	Consistency:	low viscosity
	Density at 20°C:	approx. 1.15 g/cm ³
	Solubility in water:	clearly soluble at any ratio
	pH :	approx. 6

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 516 is an anionic dispersing agent with low foam tendencies suitable for many aqueous systems. It is recommended for most common pigments and fillers. EDAPLAN 516 is compatible with many emulsion polymers. It can be used over a wide pH range and prevents the formation of settlements and stabilizes the system. EDAPLAN 516 is particularly suitable for dispersion of titanium dioxide, sheet silicates and fillers to achieve a constantly low paste viscosity.
Recommended levels/use:	Ladder studies are recommended to determine optimum dosage levels. Normal dosage ranges from 0.1 - 1.0 % EDAPLAN 516 on pigment and filler. EDAPLAN 516 can be used as sole dispersant. Even by application of tap water a combination with other wetting and dispersing agents is not necessary. Addition of more than 1% on total formulation may influence the water sensitivity of the paint film. It is recommended to dose EDAPLAN 516 before addition of pigments and extenders.
Storage/handling:	EDAPLAN 516 is not sensitive to freezing. For better handling it should be stored between 5 and 25 °C. Aluminium containers are not suitable for the storage of EDAPLAN 516. The minimum shelf life in closed containers is 15 months from the date of manufacture.
Packaging:	Totes holding 1100 kg net, drums holding 160 kg net or kegs holding 30 kg net.