

# EDAPLAN<sup>®</sup> 397

## TECHNICAL INFORMATION

### Wetting and dispersing agent for pigments in water-based and non water-based systems

<b>Composition:</b>	Blend of special polyglycol esters, biodegradable, nonionic	
<b>Appearance:</b>	liquid	
<b>Colour:</b>	brownish	
<b>Typical Properties:</b>	Active ingredients:	approx. 100 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 1.04 g/cm <sup>3</sup>
	Solubility:	soluble in water and polar organic solvents
	pH (2% in dist. water):	approx. 7

*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.*

<b>Properties/applications:</b>	EDAPLAN 397 is a non-ionic, liquid dispersing agent for pigments. It is especially designed for water-based systems, but it is also suitable for non water-based systems. EDAPLAN 397 is compatible with all common binders and shows only low foaming tendency. EDAPLAN 397 is suitable for coatings with indirect food contact. Furthermore its ingredients are biodegradable and partially based on renewable raw materials. EDAPLAN 397 is particularly suitable for dispersing organic pigments, i.e. phtalocyanine pigments. It can be used in binder free as well as binder containing grinds and pigment concentrates. EDAPLAN 397 reduces the viscosity of the grind, improves gloss and colour strength and prevents flocculation.
<b>Recommended levels/use:</b>	EDAPLAN 397 should be added to the grind prior to the addition of the pigments. The optimum dosage level has to be determined by ladder studies.
<b>Storage/handling:</b>	EDAPLAN 397 is not sensitive to freezing. For better handling it should be stored between 15 and 25 °C. Transport and storage below 15°C may lead to flocculation of the product. EDAPLAN 397 can be homogenized by stirring at temperatures above 20°C. The minimum shelf life in closed containers is 15 months from the date of manufacture.
<b>Packaging:</b>	Totes holding 1000 kg net, drums holding 150 kg net or cans holding 30 kg net.