

# METOLAT® 388

## TECHNICAL INFORMATION

### Wetting agent for aqueous and non-aqueous systems

<b>Composition:</b>	Blend of special polyglycolesters, biodegradable, nonionic	
<b>Appearance:</b>	liquid	
<b>Colour:</b>	yellow	
<b>Typical Properties:</b>	Active ingredients:	approx. 100 %
	Consistency:	medium viscosity
	Density at 20°C:	approx. 1.0 g/cm <sup>3</sup>
	Solubility:	easily emulsifiable in water, soluble in most common aromatic and aliphatic solvents
	Surface tension:	(1% in water) approx. 33 mN/m

*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:** METOLAT 388 is a low foaming wetting agent which is suitable for many aqueous and non-aqueous systems. It improves the pigment dispersion in emulsion paints especially with pigments which are difficult to disperse. METOLAT 388 prevents flocculation of the particles caused by emulsifier migration after long storage of the paint or through a mechanical or thermal shock. METOLAT 388 is biodegradable and is recommended specifically for environmental safe systems.

**Recommended levels/use:** Ladder studies are recommended to determine optimum levels. Normal dosage ranges from 0.1 to 0.3 % on total formulation. METOLAT 388 can be added at any time during production. For most efficient use it is recommended to add it to the pigment grind. Post addition is possible to improve colour intensity. In aqueous intense colour pastes and in tinting pastes treat levels of 1 to 3 % METOLAT 388 on dyes may be necessary.

**Storage/handling:** METOLAT 388 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. METOLAT 388 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.

**Packaging:** Totes holding 1000 kg net, drums holding 150 kg net or cans holding 30 kg net.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.

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