

Biosurfactants as Sustainable Solutions for Paints, Coatings and Inks





TEGO® Wet 570 Terra and TEGO® Wet 580 Terra



CHARACTERISTICS

Active matter content	TEGO® Wet 570 Terra: 45 % TEGO® Wet 580 Terra: 50 %
Appearance	Slightly yellow
Solvent	Water
Chemical description	Solution of glycolipids in water
Key benefits	Good performance for pigment and filler wetting
	Improved substrate wetting
	Suitable for waterborne decorative paints, industrial and transportation coatings and inks

SUSTAINABILITY BENEFITS

	100% biobased raw materials
	Readily biodegradable
	Very low VOC levels
	Made for waterborne coatings and inks
	Reduced milling time and energy consumption by fast wetting of pigments and fillers
	Favorable environmental safety profile, e.g., low aquatotoxicity
	Suitable for EU ecolabel compliant paints

Biosurfactants are produced by organisms during biological synthesis. This makes them one hundred percent natural surfactants and clearly differentiates them from other surfactants, which are made via chemical reaction.

They are also readily biodegradable and well tolerated by aquatic organisms. Biosurfactants show a unique performance in waterborne coatings and inks, combined with a favorable sustainability profile.



Click or scan the QR-code for more information!

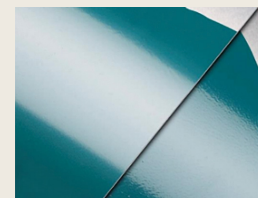
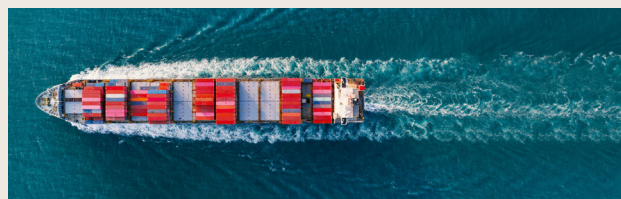
Decorative coatings



- Increased pigment and filler wetting speed
- Efficient grinding step
- Good hiding power performance
- No compromise in film resistance
- No negative interaction with rheology modifiers
- Improve compatibility of pigment concentrates

- Good substrate wetting properties for protective coatings
- Improvement of dispersing performance
- Optimum color properties
- Improved storage stability
- Good corrosion & chemical resistance
- Improved corrosion creep
- Provide anti-crater effect in can coatings

Industrial & Transportation coatings



Printing Inks



- Increased wetting of inorganic pigments
- Beneficial as co-dispersant for inorganic pigments
- Balanced substrate wetting
- Enhances film formation
- Increased biobased content

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