

SUSTAINABLE AND SAFE

TEGO® Foamex 8820 & 8850

Defoamer concentrates with high bio-renewable content for waterborne printing inks and varnishes



The challenge

Sustainability and safety are two key drivers in the printing ink industry which inspire innovation. Inks with high bio-renewable content are in demand across numerous end-use applications. And especially in the packaging industry, consumer and food safety are of paramount importance. Our development challenge was to develop safe and sustainable defoamers – without sacrificing performance.



Our approach

Historically, strong and effective defoaming in waterborne inks has been synonymous with siloxane-based products. To offer our customers a choice of chemistry, our approach was to develop a siloxane-free defoamer exhibiting the same powerful defoaming properties, while also providing a bio-renewable content > 50 % and complying with the highest regulatory standards and global food contact regulations.

The Solution: TEGO® Foamex 8820 & 8850

Our new defoamer concentrates are 100 % active oil-based products. Still, they perform at eye-level with standard siloxane-based defoamers.

We have designed these products to differ in defoaming power and compatibility. TEGO® Foamex 8820 is very powerful and shear stable, ideal for use at the grinding stage. If added to the let-down stage sufficient shear forces need to be applied.

TEGO® Foamex 8850 is easier to incorporate and more compatible. This “softer” defoamer is our first choice for the let-down stage.



[Click here for more information!](#)

TEGO® Foamex 8820 & 8850 provide outstanding regulatory and food contact compliance status



	100% active	Contains solvents, biocides, mineral oil	Renewable content	FOOD CONTACT COMPLIANCES				
				Swiss A	FDA 175.300	FDA 176.170 & 176.180	China GB	BfR XIV
TEGO® Foamex 8820	yes	no	>55%	yes	yes	yes	no	yes
TEGO® Foamex 8850	yes	no	>95%	yes	yes	yes	yes	yes

Positioning chart



TEGO® Foamex 8820 NEW
 Highly active, ideal for grinding and inks on paper and board
 Swiss A and FDA-compliant

TEGO® Foamex 8850 NEW
 Broadly usable, effective and compatible, even for inks on film
 Swiss A and FDA-compliant

TEGO® Foamex 830
 100% active, polymer-based,
 ideal for printing grinding
 Swiss A and FDA-compliant

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EVONIK OPERATIONS GMBH
 Goldschmidtstraße 100
 45127 Essen
 Germany
 Phone +49 201 173-2222
 Fax +49 201 173-1939
 coating-additives@evonik.com
 www.coating-additives.com