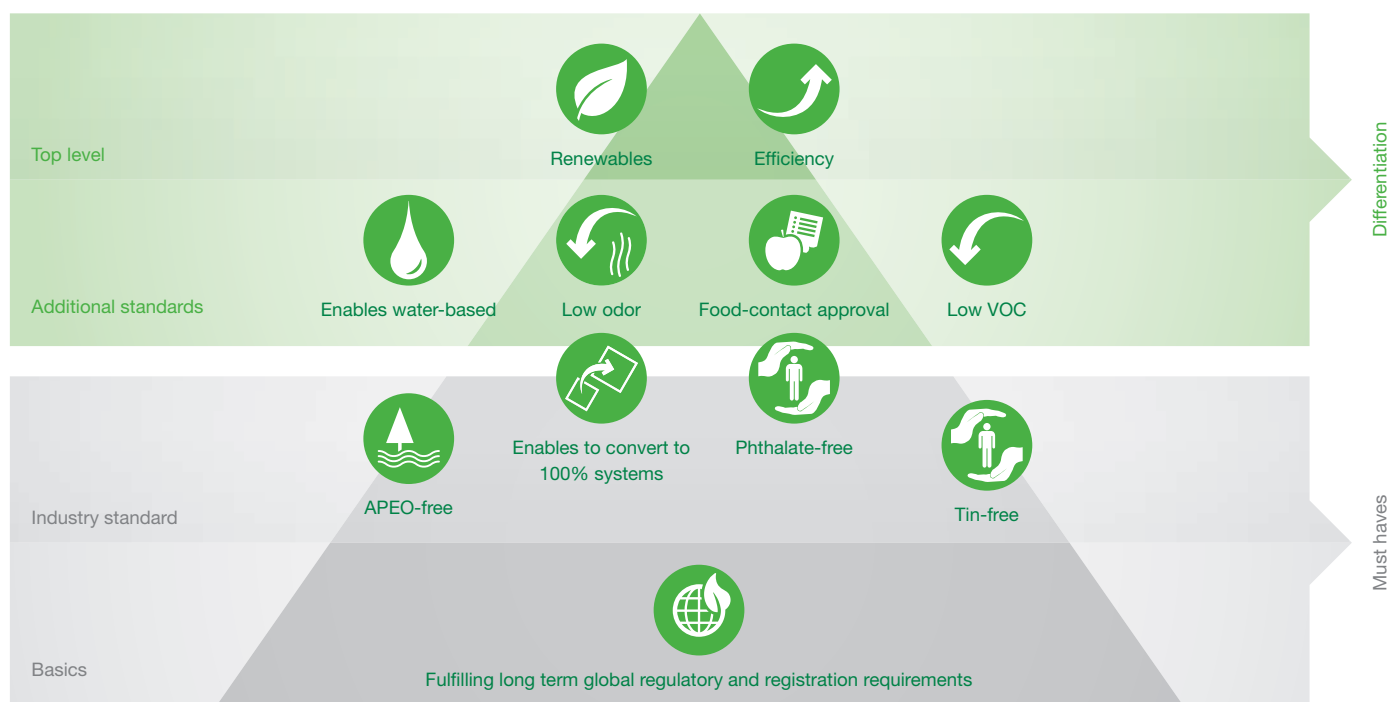


# Sustainability Quick Guide Printing & Packaging Inks and Coatings



## Sustainability demands in printing & packaging coatings



## Additives to meet the demands

We support sustainable developments in printing and packaging industries by offering formulation additives that help reduce emissions, enhance resource efficiency, offer global registrations and compliance with relevant food contact regulations.

### Food contact

Our broad range of food-contact compliant raw materials gives formulators greater freedom in formulating inks and coatings.









### Lower emissions

Low-VOC formulation additives from BASF help reduce emissions by enabling water-based and 100% systems that deliver similar performance to solvent-based solutions.

### Resource efficiency

We provide highly efficient dispersing agents that accelerate pigment dispersion, the most energy-consuming production phase in inks and coatings. They also allow for maximum color strength and stability, for more efficient use of pigments.

# Formulation additives for more sustainable printing & packaging coatings

	Dispersing agents	Defoamers	Rheology modifiers	Film-forming agents	Wetting agents and surface modifiers
 Food contact*	Dispex® Ultra PX 4522 Dispex® Ultra PX 4585 Efka® PX 4701	Foamaster® NO 2306 FoamStar® SI 2201 FoamStar® SI 2210 FoamStar® SI 2213	Rheovis® AS 1130	Efka® PL 5381 Efka® PL 5382 Efka® PL 5642 Efka® PL 5643	Efka® SL 3210 Efka® SL 3259 Hydropalat® WE 3130 Hydropalat® WE 3197 Hydropalat® WE 3694 Hydropalat® WE 3966
 Efficiency	Dispex® Ultra PX 4522 Dispex® Ultra PX 4575 Dispex® Ultra PX 4585 Efka® PX 4350 Efka® PX 4701 Efka® PX 4733	FoamStar® SI 2210	Rheovis® AS 1130 Rheovis® PU 1331		Efka® SL 3210 Efka® SL 3259 Efka® SL 3299 Hydropalat® WE 3130 Hydropalat® WE 3197 Hydropalat® WE 3694 Hydropalat® WE 3966
 Low odor	Dispex® Ultra PX 4575 Dispex® Ultra PX 4585 Efka® PX 4701	FoamStar® SI 2201 FoamStar® SI 2210 FoamStar® SI 2213	Rheovis® AS 1130 Rheovis® PU 1331	Efka® PL 5381 Efka® PL 5382 Efka® PL 5642 Efka® PL 5643	Efka® SL 3210 Efka® SL 3259 Efka® SL 3299 Hydropalat® WE 3130 Hydropalat® WE 3966
 Renewables		Foamaster® NO 2306 FoamStar® SI 2210		Efka® PL 5381 Efka® PL 5382	Hydropalat® WE 3130
 Low VOC	Dispex® Ultra PA 4560 Dispex® Ultra PX 4522 Dispex® Ultra PX 4575 Dispex® Ultra PX 4585 Efka® PX 4701 Efka® PX 4733	FoamStar® SI 2201 FoamStar® SI 2210 FoamStar® SI 2213	Rheovis® AS 1130 Rheovis® PU 1331		Efka® SL 3210 Efka® SL 3259 Efka® SL 3299 Hydropalat® WE 3130 Hydropalat® WE 3197 Hydropalat® WE 3694 Hydropalat® WE 3966
 Enables water-based	Dispex® Ultra PA 4560 Dispex® Ultra PX 4522 Dispex® Ultra PX 4575 Dispex® Ultra PX 4585	FoamStar® SI 2201 FoamStar® SI 2210 FoamStar® SI 2213	Rheovis® AS 1130 Rheovis® PU 1331		Hydropalat® WE 3130 Hydropalat® WE 3197 Hydropalat® WE 3694 Hydropalat® WE 3966
 Enables to convert to 100% systems	Efka® PX 4350 Efka® PX 4701 Efka® PX 4733				Efka® SL 3210 Efka® SL 3259 Efka® SL 3299
 Phthalate-free**				Efka® PL 5381 Efka® PL 5382 Efka® PL 5642 Efka® PL 5643	

\*Compliance statements available. \*\*Not intentionally added. Product may comprise minor traces as ubiquitously occurring impurities cannot be excluded.

“Our customers increasingly need additives with food-contact approval to formulate high-quality printing inks – and we can meet those needs. That’s sustainability I can believe in.”

**Peter Bene**

Technical Marketing, BASF Formulation Additives



## Your formulation partners

Take advantage of cooperation with BASF’s Technical Marketing team and profit from more sustainability in your products:

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[www.basf.com/formulation-additives](http://www.basf.com/formulation-additives)