



Solutions for Inks & Graphic Arts



*Advanced Chemistry.
Invented together.*

Advanced Chemistry for High-Performance Water-Based Ink Systems

Water-based inks demand a precise balance of wetting, dispersion, stability, adhesion, and process robustness. Our ink-focused portfolio combines polymerizable surfactants, specialty ethoxylates, functional monomers, phosphate chemistries, and advanced dispersants—designed to integrate into the binder system and deliver consistent performance from dispersion to print.

Designed for Modern Ink Formulators

Built for water-based flexographic & gravure inks

Solutions for dispersion, let-down & printing stages

Polymer-integrated technologies for durability

Scalable manufacturing with consistent quality

Product Portfolio for Ink Applications

Etholine™ Series – Performance Additives

System fine-tuning for ink formulators

- Defoamers and air-release additives
- Flow and levelling aids
- Wetting and substrate-anchoring additives
- Designed for compatibility with water-based systems

Etholine™ DW Series - Additives for Water-Based Inks

Advanced additive technology developed specifically for water-based ink manufacturing and printing, offering rapid foam knockdown, long-term air release, and excellent dynamic wetting without compromising colour strength or print quality.

Key Advantages:

- Fast foam destruction during dispersion & let-down
- Excellent microfoam control during printing
- Strong dynamic wetting for rapid substrate coverage
- Improves flow, levelling and surface uniformity
- Compatible with acrylic, styrene-acrylic & PU systems

// Functional Chemistries for Adhesion, Stability & Print Performance //

Ethomer™ Series – Functional Ink Monomers

Adhesion, resolubility and film performance tuning

- Functional methacrylate monomers for binder design
- Enables adhesion + washability balance
- Designed for treated PE/PP film substrates
- Supports low-VOC binder development

Applications: Flexo inks • Surface print inks • Film inks

Emphos™ Series – Phosphate-Based Functional Additives

Adhesion, anchoring and interfacial control

- Strong affinity for pigments and inorganic surfaces
- Improves adhesion on difficult substrates
- Enhances dispersion robustness
- Supports stability in demanding ink systems

Applications: Packaging inks • Functional inks • OPV

Emthox™ Series - Specialty Nonionic Surfactants

High-efficiency wetting, flow and pigment compatibility

- Low to controlled foaming behaviour
- Strong compatibility with acrylic, styrene-acrylic and PU systems
- Excellent surface tension reduction
- Suitable for dispersion, let-down and OPV formulations

High-efficiency wetting, flow and pigment compatibility

Ethosurf™ Series - Reactive / Polymerizable Surfactants

Non-migrating surfactants for durable ink films

- Chemically binds into the polymer backbone
- Reduces surfactant leaching and water sensitivity
- Improves rub resistance and print durability
- Enhances pigment wetting without migration

Applications: High-performance WB inks • Packaging inks • Film inks



Why Ink Formulators Choose Our Technologies

Designed specifically for water-based ink systems
Polymer-integrated approach for reduced migration
Consistent quality with scalable production
Strong technical partnership and formulation support

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