



Pulp & Paper

Chemical Products

Aries Chemical provides the products and technical support to optimize pulp and paper manufacturing. Let Aries Chemical help you make your operation world-class in the new millennium.

Aries Chemical Products for Papermaking

Raw Water Quality
Recycled Fiber Usage
Tissue & Towel Manufacture

Virgin Fiber Pulping & Bleaching
Paper/Board Making
Effluent Control

* Recovery Boiler Scale Control

Raw Water Quality

- * Water Clarification
- * Microorganism Control
- * Hardness Control
- * Metal Chelation

Virgin Fiber Pulping & Bleaching

- * Washing and Bleaching
- * Defoamers
- * Dispersants
- * Pitch Control
- * Scale Control
- * Brightness Improvement
- * Chlorine Free Bleaching
- * Liquor Preparation
- * Evaporator Scale Control
- * Green Liquor Clarification
- * White Liquor Clarification
- * Recovery and Power Generation
- * Steam Side Corrosion Control
- * Steam Side Deposit Control

Effluent Control

- * Solids Reduction
- * Color Reduction
- * COD/BOD Reduction
- * Removal of Heavy Metals

Paper/Board Making

- * Improved Stock Cleaning
- * Entrained Air Reduction
- * Foam Control
- * Contaminant Agglomeration and Removal
- * Deposit Control
- * Slime Control
- * Calcium and Barium Scale Control
- * Pitch Dispersion
- * Wire Cleaning
- * Felt Cleaning
- * Additive and Coating Preservation





- * Retention Aids and Drainage Aids
- * Sizing Improvement
- * Reduced Wet Strength Resin Costs
- * Improved Formation, Retention and Drainage
- * Higher Machine Speed
- * Improved Pressing Efficiency
- * Lower Drying Costs
- * Improved Strength
- * Reduced Dye Cost
- * Improved Crush Resistance
- * Improved Printing Characteristics
- * Better Moisture Profile
- * Better Surface Properties
- * Corrosion Control

Recycled Fiber Usage

- * Reduced Pulping Time
- * Repulping of Wet Strength Resin Paper
- * Stickies Fixation
- * Wax and Other Contaminant Control
- * De-inking
- * Metal Chelation
- * Improved Washing
- * Laser Ink Flotation
- * Sludge Dewatering
- * Effluent Color Removal
- * BOD/COD Reduction

Tissue & Towel Manufacturing

- * Tissue Softener
- * Wire and Felt "Stickies" Control
- * Wet Strength Resin Retention
- * Direct Entry Ink Dispersion
- * Brightness and Color Control
- * Dryer Coating
- * Adhesion Aids

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