

Providing Creative Solutions



 Dairy Solutions



DAIRY SOLUTIONS

With Hydrite Chemical Co. as your single source chemical supplier, you will optimize your food safety and sanitation and make the best products in the market. Our job is to find creative solutions to increase your profitability and run your plant more efficiently - and we love what we do for you.

Your profitability is directly linked to production efficiencies. Hydrite Chemical Co. manufactures products designed to shrink the sanitation window and give you more production hours in your day.

PRODUCT OFFERING

SANITATION CHEMICALS

The sanitation of your plant has a direct impact on the shelf life and quality of the products you produce. The program you implement impacts your production efficiencies, effluent costs, and the life of your equipment. Hydrite Chemical Co. produces a complete line of sanitation products for the dairy industry including:

- CIP cleaners
- Sanitizers
- Manual cleaners

- Foam cleaners
- Conveyor lube
- Membrane cleaners
- Single shot cleaners
- Foot foamer compound
- Hand sanitation products
- Wetting agents/ water conditioners

COMMODITY CHEMICALS

In addition to manufacturing plant sanitation chemicals, Hydrite Chemical Co. is one of North America's largest chemical distributors. We supply a wide array of commodities such as:

- Caustic
- Bleach
- Nitric acid
- Lime
- Phosphoric acid
- Sulfuric acid
- Glycol



FOOD INGREDIENTS

Hydrite Chemical Co. manufactures and distributes food ingredients to the dairy, cheese and ice cream industries. For your convenience, many ingredients are available in both granular and liquid forms.

- Citric acid
- Calcium chloride
- Aqua ammonia
- Caustic potash
- Disodium phosphate
- Hydrogen peroxide
- Food grade phosphoric acid
- Potassium sorbate
- Sodium citrate
- Sodium hexametaphosphate

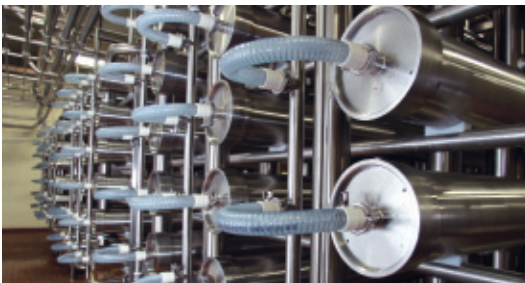
DEFOAMERS

Our foam control group offers a full line of defoamers with regulatory approvals. We craft products to eliminate foam which can increase your overall production quotas. We offer silicone and non-silicone based food grade defoamers, CIP and wastewater defoamers, along with the associated feed and control equipment.

WASTEWATER TREATMENT CHEMICALS

Hydrite Chemical Co. offers a complete line of chemicals for wastewater treatment. We provide the feed equipment, technical service, and engineering to help you minimize your costs and comply with local regulations.

- Acids and caustic for pH adjustment
- Coagulation for clarification
- Odor control
- Polymers and flocculants for separation
- Phosphorus reduction
- BOD/solids reduction



SERVICE AND SUPPORT

Our focus on training your employees will help you achieve your goal of consistent finished product quality in a safe environment. You will appreciate our unparalleled technical emphasis and passion for true customer service. Many of our service and technical support personnel have prior food industry production experience, making them a valuable resource for their customers.

PROCESS AIDS

Hydrite Chemical Co. provides processing aids to help you achieve longer production runs, better finished product quality, easier and faster cleanups and reduced energy costs. Our aids, combined with the expertise of our technical and engineering experts, can increase production of:

- Heat exchangers
- Membranes
- Evaporators
- Crystalizers
- Refiners
- Dryers

ENGINEERING AND EQUIPMENT

To ensure safe, accurate and economical chemical usage, our service specialists and engineering staff investigate and recommend the proper chemical feed and control equipment.

- Detergent feed systems
- Bulk and tote chemical storage and transfer
- Central sanitizing systems
- Central doorway foaming systems
- Liquid ingredient storage and feed systems



UNIQUE EQUIPMENT TECHNOLOGY

MEMBRANE MINDER

The Hydrite Chemical Co. Membrane Minder System is designed to control, dispense and record liquid chemical products automatically and safely. This unique system provides a method of controlling and dispensing products using reliable air actuated pumps and a load cell for allocation accuracy. The result is repeatable membrane cleaning results and optimal membrane life.

OPTIMAX CIP MONITOR

The Optimax can simultaneously control both acid and alkaline detergent and sanitizer dispensing on multiple CIP systems. Concentrations can be controlled via conductivity or timed feed and displayed on a digital read-out and chemical volumes are measured and recorded volumetrically for reporting purposes, and conductivity of rinses are measured and recorded to help eliminate wasted water and time. The Optimax also monitors and records valve functioning to help insure cleanliness, and gives you easy to download, print and interpret Proof-of-Clean reports.

If you're looking for a comprehensive chemical partner with your profitability in mind, call 262-792-1450 and learn how we will help you simplify your chemical program, streamline logistics and reduce your operating costs.



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