

Providing Creative Solutions



Dairy Solutions





DAIRY SOLUTIONS

With Hydrite as your single source chemical supplier, you will optimize your food safety and sanitation programs to 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 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 produces a complete line of sanitation products for the dairy industry including:

- **CIP Cleaners**
- **Sanitizers**
- **Manual Cleaners**
- **Foam Cleaners**
- **Conveyor Lube**
- **Membrane Cleaners**
- **Single Phase Cleaners**
- **Food Foamer Chemistry**
- **Hand Sanitation Products**
- **Wetting Agents/Water Conditioners**

FOOD INGREDIENTS

Hydrite 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 and all Food Grade.

- **Citric Acid/Citrates**
- **Calcium Chloride**
- **Aqua Ammonia**
- **Caustic Potash**
- **Ortho Phosphates**
 - Sodium, Potassium, and Calcium
- **Hydrogen Peroxide**
 - FG and Aseptic
- **Gluconic Acid/GDL**
- **Polyphosphates**
 - SHMP, STPP, TSPP, TKPP, SAPP
- **Polysorbate 80**
- **Lactic Acid**

- **Lactates/Diacetates**
 - Sodium and Potassium
- **Starches**
 - Modified and native
- **Guar Gum**
 - Modified and standard
- **Phosphoric Acid**
- **Potassium Sorbate**
- **Sodium Citrate**
- **Sodium Hexametaphosphate**



WATER CARE CHEMICALS

Hydrite 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**
- **Wastewater**
- **Boiler Care**
- **Cooling Towers**

COMMODITY CHEMICALS

In addition to manufacturing plant sanitation chemicals, Hydrite 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**
- **Propylene Glycol**
- **Caustic Potash**
- **Magnesium Hydroxide**

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.

SERVICE AND SUPPORT

Our focus on optimizing your systems and training your employees 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 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 the efficiency of:

- **Heat Exchangers**
- **Membranes**
- **Evaporators**
- **Crystallizers**
- **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.

- **Chemical Feed System**
- **Bulk and Tote Chemical Storage and Transfer**
- **Central Sanitizing Systems**
- **Central Doorway Foaming Systems**
- **Liquid Ingredient Storage and Feed Systems**



UNIQUE EQUIPMENT TECHNOLOGY

Hydri-Vision

Hydri-Vision is technology for collecting, analyzing, and documenting concentrations of cleaning, sanitation, and intervention chemistries. Food safety, verification and validation as well as quality of an applicable finished product are foundational to this creative solution.

Hydri-Pro

Hydri-Pro is technology for allocating and dispensing cleaning, sanitation and intervention chemistries. Simplicity of its design as well as the accuracy and speed of chemical delivery is foundational to this creative solution.



Our mission in service to our customers is continuous profit improvement while maintaining or enhancing their finished product quality.

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