

Providing Creative Solutions



Egg Industry Solutions





EGG SOLUTIONS

The egg processing industry has a unique set of challenges. You may need to increase production while maintaining a safe and wholesome product. Your profit margins are probably tight, so increasing your production time and maximizing shelf life are critical success factors. Hydrite Chemical Co. can help.

What sets us apart from other chemical manufacturers and distributors is our ability to be your “one-stop-shop” for all things chemical; one company, one shipment, one contact and one purchase order. You will benefit with our:

- Sanitation chemicals
- Egg washing chemicals
- Commodity chemicals
- Defoamers
- Food ingredients
- Wastewater treatment

Our focused and customer-centric food industry experts have the chemical compounds and control equipment to help you achieve your financial goals and keep your products *delicious* and *safe*.

SANITATION CHEMICALS

The sanitation of your plant has a direct impact on product shelf life and maximizing your production runs. Your sanitation program also impacts effluent costs, employee safety, and the life of your equipment. Hydrite Chemical Co. produces a complete line of sanitation products for the egg industry, and provides service and consultative recommendations for optimal results.

- CIP detergents
- Sanitizers
- Foam cleaners
- Manual cleaners
- Hot processing equipment cleaners
- Spray dryer cleaning compounds
- Membrane cleaners
- Single phase cleaners
- Doorway foamer compounds
- Hand sanitizers
- 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 can supply a wide range of commodities including:

- Caustic soda
- Chlorine (liquid and gas)
- Glycols
- Muriatic acid
- Phosphoric acid
- Sulfuric acid

DEFOAMERS

Hydrite Chemical Co. manufactures a full line of defoamers for the egg washing and processing industries. We offer silicone and non-silicone based food grade defoamers for use in processing, egg washers, CIP and wastewater, along with the associated feed and control equipment.

- Foam Kill 599: Specialty emulsion of highly active surfactants deliver excellent foam control to the egg washing process
- Suppressor 3610: Emulsion designed to be used during both egg washing and breaking to control foaming in the process
- Suppressor 3112: Silicone emulsion used to control foaming throughout egg processing applications
- Suppressor 3581: 100% active product designed to deliver top-notch foam control during the egg-washing process

WASTEWATER TREATMENT

At your manufacturing facility, you are required to meet stringent wastewater treatment discharge regulations. Hydrite Chemical Co. has the chemistry and expertise to help you meet your specific regulations. As your partner, we will analyze your current chemistry and process, and implement cost reduction strategies.

- Acids and caustic for pH adjustment
- Coagulants for clarification
- Polymers and flocculants for liquid/solid separation
- Phosphorous reduction compounds
- Odor control compounds
- BOD/Solids reduction

FOOD INGREDIENTS

Hydrite Chemical Co. is a single source provider of distributed dry ingredients and manufactured liquid chemical additives to food companies.

- Calcium caseinate
- Citric acid
- Guar gum
- Xanthan gum
- Potassium chloride
- Sodium citrate
- Sodium erythrobate
- Sodium hexametaphosphate
- Sodium nitrite
- Sodium phosphate



SAFETY AND TRAINING

The safety of your employees is a great concern to us. Inherent dangers of industrial chemical handling must be conveyed and understood throughout your organization. Our bilingual bucket tags, safety charts and training materials reduce the chance of employee accidents and medical claims.

We also recommend video and classroom training as a popular and effective way to educate your employees on chemical handling safety and sanitation techniques specific to the egg industry.

EQUIPMENT

Our service specialists, chemists and engineering staff can recommend the proper chemical feed and control equipment to ensure safe, accurate and economical chemical use.

- Egg wash feed systems
- Bulk and tote chemical storage and transfer
- CIP detergent feed systems
- Foam control equipment for egg processing
- Foam cleaning equipment
- Central sanitizing system
- Central doorway foaming systems
- Automated membrane chemical feed systems
- Liquid ingredient storage and feed systems



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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