

Providing Creative Solutions



# Meat & Poultry Processing



# MEAT & POULTRY SOLUTIONS

The primary objective of the meat and poultry industry is to provide consumers with a protein source that will always be nutritious and safe. Hydrite Chemical Co. delivers outstanding chemistry to help you meet that objective. Hydrite Chemical Co. programs help to ensure consistently high quality for your finished product with safety and cost reductions in mind. This results in increased profitability for our customers and long-term business relationships.

## PRODUCT OFFERING

### Sanitation

The sanitation of your plant has a direct impact on product shelf life and maximizing your production capacities. A sanitation partnership with Hydrite Chemical Co. also impacts effluent costs, employee safety and the life of your equipment. We produce a complete line of detergents and sanitizers for the meat and poultry industry including:

- Foam cleaners
- Spray and CIP Sanitizers
- Manual cleaners
- Smokehouse cleaners
- Process oven cleaners
- Cook kettle cleaners
- Membrane cleaners
- Single phase cleaners
- Doorway foot foamers
- Hand sanitation products
- Environmental sanitation programs

### Ingredients

Hydrite Chemical Co. works side by side with you to find the most creative solutions to meet the strict standards necessary for your product formulations. You can rely on us for food ingredients of consistently high quality to help you meet the expectations of your customers. We distribute the following food ingredients to the meat and poultry industries:

- Citric acid
- Phosphates and phosphate blends
- Zinc chloride
- Potassium lactate
- Sodium lactate and blends
- Sodium nitrate
- Sodium nitrite
- Sodium benzoate
- Sodium erythorbate

### Commodity Chemicals

In addition to being a leading manufacturer of plant sanitation chemicals, Hydrite Chemical Co. is one of North America's largest chemical distributors. Our purchasing power means savings for our customers. We can supply your needs, in bulk or packaged sizes, across a wide variety of commodities including:

- Caustic
- Chlorine - gas and liquid
- Propylene glycol
- Muriatic acid
- Phosphoric acid
- Sulfur dioxide
- Sulfuric acid



**Hydrite Chemical Co. offers unprecedented service and scientific expertise:**

- Plant cleanup and day sanitation
- Wastewater treatment
- Intervention chemistry
- Ingredients
- Defoamers
- Commodity chemicals
- Sanitation related equipment

### Intervention Chemistry

Conditions that encourage bacteria growth increase the possibility of toxins in food, risking food borne pathogens and the potential outbreak of food borne illness such as E-coli and Listeria. To decrease your risk and improve consumer safety, Hydrite Chemical Co. has the expertise in meat intervention chemistry you need.

### Ingredients

Sodium lactate and potassium lactate for inhibiting pathogen growth

### Injections

For whole muscle products

### Spraying/Dipping

Carcass wash applications

### Production Chemicals

Meat and poultry companies rely on chemicals to keep their operations running smoothly during production. Hydrite Chemical Co. has a complete line of production chemicals and creative chemical feed technology to provide consistent results, eliminate downtime and control your operating costs.

- Trolley cleaners and lubricants
- Tripe wash and bleach
- Hog scald compounds
- Chiller water treatment products
- Denaturants
- Feather cleaners and brighteners
- Rendering department products

### Wastewater Treatment

Wastewater treatment creates special challenges associated with BOD, fats, oils and greases, suspended solids, phosphate reduction and odor control. The wastewater treatment specialists at Hydrite Chemical Co. are experienced at helping our customer manage all of these issues and stay in compliance with local regulatory restrictions. We have a complete line of chemicals for wastewater treatment such as:

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



### Defoamers

Lack of proper foam control can slow your production and create serious wastewater treatment issues. Hydrite Chemical Co. manufactures a full line of defoamers to address those needs. We offer silicone and non-silicone based food grade defoamers to keep your poultry chillers and blood plasma operations running smoothly, CIP and wastewater defoamers, along with the associated feed and control equipment to insure economical operation.



# SERVICE AND SUPPORT

If you're looking for a company to listen to you and take the time to understand your changing needs, Hydrite Chemical Co. should be your chemical partner. We have the expertise to craft creative solutions to increase your profitability. Our focus on training your employees will help you achieve your goal of consistent finished product quality at the lowest possible cost. 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.

## Engineering and Equipment

Properly engineered chemical allocation systems will help insure the safety of your employees and reduce lost time accidents. They also help to ensure accurate and cost-effective chemical use; which keeps your wastewater treatment costs at a minimum. Our service experts can consult on:

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

We are a unique team of problem solvers serving the meat and poultry industry. Our mission is continuous profit improvement for our customers. We accomplish this through entrepreneurial application of our broad chemical and applications expertise and by openly sharing this knowledge with our customers through training.

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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