



Focused Sanitation Solutions for the  
**POULTRY INDUSTRY**

**BRAND PROTECTION**

- Food Safety ■
- Operational Efficiency ■
- Reduced Cost-In-Use ■



We understand that ensuring your product stays safe is the foundation of your business. But we also know that efficiency and cost control drive your profitability.



Our SQF and HACCP Educated Food Safety Technicians will partner with you to mitigate risk and stay on track with regulatory compliance while controlling costs.



#### Advanced Solutions

Complete portfolio of superior products and equipment designed for the Food and Beverage Processing Industry



#### Focused Expertise

SQF and HACCP Educated Food Safety Technicians design and support your sanitation and safety programs



#### Superior Service

Our team works to optimize your business – providing everything from in-plant service to GFSI Audit preparation and training.

# Helping You Stay Compliant

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We bring poultry industry experience, training and a service-oriented approach to your business, working closely with you to solve the most difficult challenges. Zep sanitation experts will partner with you to help improve your food quality and safety programs, train your team members on safe and effective sanitation procedures, and help you stay compliant with the ever-changing regulatory environment and customer audit mandates.

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## Assure<sup>®</sup> Sanitation Program

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### **Food Safety & Quality Assurance Program**

- GMPs/Sanitation gap assessment audits
- Regulatory review assessments
- Quarterly plant inspection reports
- 3rd party SQF & BRC pre-assessment audits and plant certifications
- Color coded product labels
- Health & Safety wall charts
- Bilingual labels and SDSs

### **Sanitation Program**

- Plant surveys
- Monthly written service and inventory/cost control reports
- Monthly titration reports for chemical dispensing equipment
- 24/7 support availability
- Regular in-plant service visits
- Titration test kit and reagents upkeep
- Quarterly and as needed in-plant customer training
- Custom sanitation training manual and SSOPs
- Master sanitation schedule

### **Cost Control**

- Controlled chemical usage
- Continuous improvement through operational efficiencies
- Zep/Customer reviews of operational and cost performance

### **Chemical Management**

- Audit for proper labeling of chemicals and feed lines
- Audit chemical cage

### **Equipment & Engineering Services**

- Custom made chemical delivery and dilution systems
- Preventative maintenance on chemical feed equipment

# POULTRY INDUSTRY CLEANING PRODUCTS

## Foam Cleaning/Descaling

Foam cleaning is a critical part of the daily sanitation program in food processing operations. Zep's foam cleaners provide:

- Maximized chemical activity on soils and greases due to their superior formulation and increased contact time
- Visual reference to where the chemical has been applied
- Low levels of detergent usage to assist in wastewater management
- Easy rinsing of foam



### ALKALINE/CAUSTIC/FOAMING CLEANERS

#### ■ FS Process Cleaner

Heavy-duty, high foaming, multi-purpose cleaner/degreaser

PROD. # 294024: 4-gal/cs | 294035: 5 gal | 294050: 20 gal | 294085: 55 gal | 294089: 275 gal

#### ■ Apex Process Cleaner

Economical, heavy-duty, high foaming, multi-purpose cleaner/degreaser

PROD. # 250385: 55 gal | 250389: 275 gal

#### ■ FS Pro-Chlor

Heavy-duty, foaming, chlorinated, multi-purpose cleaner

PROD. # 241235: 5 gal | 241250: 20 gal | 241285: 55 gal | 241289: 275 gal

#### ■ FS Formula 4089

High-foaming, chlorinated caustic cleaner

PROD. # 246524: 4-gal/cs | 246535: 5 gal | 246550: 20 gal | 246585: 55 gal | 246589: 275 gal

#### ■ Apex ChlorFoam 14

Economical, high-foaming, chlorinated caustic cleaner

PROD. # 235335: 5 gal | 235385: 55 gal | 235389: 275 gal

#### ■ FS Formula 10184

Heavy-duty, high-foaming, non-chlorinated caustic cleaner/degreaser

PROD. # 241724: 4-gal/cs | 241735: 5 gal | 241750: 20 gal | 241785: 55 gal | 241789: 275 gal

#### ■ FS Foaming Smokehouse Cleaner

High detergency, self-foaming caustic cleaner

PROD. # 116035: 5 gal | 116085: 55 gal

#### ■ Super Doug

Heavy-duty, foaming caustic cleaner for stubborn soils on surfaces of smoke houses, fryer hoods, floors, walls.

PROD. # 536235: 5 gal | 536285: 55 gal | 536289: 275 gal



**Professional Solutions Done Right.**  
Expertise that partners with you.



## Health & Safety Product Color Coding

A key component of Zep's Assure® Sanitation Program includes a label color system that clearly denotes different product groups based on chemical differences to support and ensure proper and safe chemical handling.

■ High Alkaline Caustic Cleaners	■ Chlorinated Caustic Cleaners	■ Non-Chlorinated Alkaline Cleaners
■ Chlorinated Low Alkaline Cleaners	■ Acid Cleaners	■ Nitric Acid Cleaners
■ Sanitizers	■ Acid Sanitizers	■ Chlorine Sanitizers
■ Lubricants	□ Specialty Products	

### ACID FOAMING CLEANERS/DESCALERS

#### ■ FS Concentrated Foaming Acid

High-foaming, blended acid detergent/descaler

PROD. # 236824: 4-gal/cs | 236850: 20 gal | 236885: 55 gal | 236889: 275 gal

#### ■ FS Formula 4489

High-foaming, acid detergent/descaler

PROD. # 240024: 4-gal/cs | 240085: 55 gal

#### ■ Apex Foaming Acid

Economical, high-foaming, blended acid detergent/descaler

PROD. # 236185: 55 gal | 236189: 275 gal

#### ■ FS Sizzle Brite

High-foaming, nitric-acid based descaler for heavy mineral deposits and starch build-up on stainless steel surfaces **(for Stainless Steel Surfaces only)**

PROD. # 599775: 45 gal

### ALKALINE/CAUSTIC CIRCULATION/BOIL-OUT/ SOAK CLEANERS

#### ■ FS Bakery Pan Cleaner

Soft-metal safe, non-foaming, alkaline, CIP and COP tank cleaner

PROD. # 237035: 5 gal | 237050: 20 gal | 237085: 55 gal

#### ■ Apex Bakery Pan Cleaner

Economical, soft metal-safe, non-foaming, alkaline, CIP and COP tank cleaner

PROD. # 237135: 5 gal | 237185: 55 gal | 237189: 275 gal

#### ■ FS C.I.P. Cleaner

Low-foaming, liquid chelated circulation/boil-out cleaner

PROD. # 166935: 5 gal | 166950: 20 gal | 166985: 55 gal | 166989: 275 gal

#### ■ Apex Caustic CIP Cleaner

Economical, low-foaming, liquid circulation/boil-out cleaner

PROD. # 238335: 5 gal | 238385: 55 gal | 238389: 275 gal

# POULTRY INDUSTRY SANITATION PRODUCTS

## ALKALINE CLEANERS *(continued)*

- **FS Z-Chlor**  
Low-foaming, chlorinated, circulation cleaner  
PROD. # 244335: 5 gal | 244350: 20 gal | 244385: 55 gal | 244389: 275 gal
- **Apex Omegachlor**  
Economical, low-foaming, chlorinated, circulation cleaner  
PROD. # 235685: 55 gal | 235689: 275 gal
- **FS Chlor 5**  
Low-foaming, chlorinated, powdered circulation cleaner  
PROD. # 115750: 200 lb | 115780: 500 lb

## ACID CIRCULATION/ SOAK CLEANERS/DESCALERS

- **FS Formula 3685**  
Low-foam, blended acid circulation detergent/ descaler and COP tank cleaner  
PROD. # 249424: 4-gal/cs | 249485: 55 gal
- **Apex Acid CIP Cleaner**  
Economical, low-foaming, acid circulation detergent/descaler  
PROD. # 237485: 55 gal | 237489: 275 gal

## FOOD SURFACE SANITIZERS

- **FS Amine-A**  
Quaternary ammonium chloride sanitizer and deodorizer  
PROD. # 192124: 4-gal/cs | 192135: 5 gal | 192185: 55 gal | 192189: 275 gal
- **FS Amine-Z**  
Fifth-generation, quaternary ammonium chloride sanitizer, disinfectant (approved for fogging)  
PROD. # 170023: 4-gal/cs | 170039: 5 gal | 170049: 20 gal | 170086: 55 gal | 170089: 275 gal
- **FS Formula 386L**  
Acidified Quaternary ammonium chloride sanitizer  
PROD. # 338624: 5 gal | 338635: 20 gal | 338685: 55 gal

## Food Surface Sanitizing

Sanitizing food-contact and nonfood-contact surfaces after cleaning is critical to the safety of food being processed - both in food processing and preparation areas. Sanitizers are needed to reduce the number of harmful microorganisms, mold and yeast to an acceptable level. Because different types of sanitizers are needed for different surfaces, we can help you choose the ones that best meet your facility's needs.

- **FS RTU D-2**  
Alcohol/Quat-based sanitizer for dry plant cleaning  
PROD. # 121201: 12-qt/cs | 121235: 5 gal | 121280: 50 gal
- **FS Formula 12167\***  
5.25% Sodium hypochlorite sanitizer  
PROD. # 242924: 12-qt/cs | 242935: 5 gal | 242985: 55 gal
- **FS Formula 4665\***  
12.5% Sodium hypochlorite sanitizer and disinfectant  
PROD. # 289035: 5 gal | 289085: 55 gal | 289089: 275 gal
- **Chlor 2\***  
Powdered chlorine sanitizer  
PROD. # 115633: 40 lb | 115680: 500 lb
- **Peroxy-Serve 5\***  
Peroxyacetic acid/hydrogen peroxide based sanitizer (approved for fogging)  
PROD. # 273235: 5 gal | 273285: 55 gal
- **ProOxine® Sanitizer/ Citric Activator\***  
Stabilized chlorine dioxide sanitizer (approved for fogging)  
PROD. # 295035: 5 gal | 295085: 55 gal  
PROD. # 293535: 5 gal | 293585: 55 gal



# Preventing Cross-Contamination



Since pathogenic bacteria can easily spread from one area to another, cross-contamination is a major concern in food processing facilities. That's why Zep provides quality direct intervention antimicrobials, sanitizing solutions, hand cleaner/sanitizers and entryway sanitizers to help you control the risk of cross-contamination and ensure food safety.



## ■ Zep-I-Dine

Iodophor based sanitizer

PROD. # 183024: 4-gal/cs | 183085: 55 gal

## ■ FS Low Foam Acid Sanitizer\*

Low Foaming, acid sanitizer

PROD. # H99035: 5 gal | H99085: 55 gal

## DIRECT INTERVENTION ANTIMICROBIALS

### □ Keeper® Pro Poultry

Acidified Sodium Chlorite antimicrobial agent for use on poultry carcasses, parts & organs and processed, formed or comminuted meat products. Use with 2476 Dominion activator

PROD. # 293135: 5 gal | 293185: 55 gal

### ■ Peroxy-Serve MPS

Peroxyacetic acid/hydrogen peroxide-based microbiocide for application on raw, processed, and ready-to-eat poultry products. Can be applied in sprays, cooling water, dip-tank, process water, ice, or brine.

PROD. # 274435: 5 gal | 274485: 53 gal

### □ ProOxine® AH Sanitizer

Stabilized chlorine dioxide added to the drinking water to disinfect waterlines. Stock solution is diluted automatically using the Zep BWT System. Use with 2476 Dominion Activator

PROD. # 295235: 5 gal

## HAND CARE

### □ FS Antimicrobial Hand Cleaner/Sanitizer

USDA E-2 type liquid hand cleaner. The economical quat-based formulation is non-irritating and has no fragrance or residual odor.

PROD. # 090101: 12-32 oz/cs | 090111: 6-1 L/cs | 090124: 4-gal/cs | 090185: 55 gal

### □ Fuzion FS Antimicrobial Hand Cleaner

USDA E-2 type liquid hand cleaner

PROD. # 133816: 4-1200 mL/cs

### □ FS Antimicrobial Foaming Hand Cleaner

USDA E-2 type liquid hand cleaner, PCMX free

PROD. # 099617: 4-1200 mL/cs | 099616: 4-2500 mL/cs | 099685: 55 gal

### □ Alcohol Sanitizer Spray

Alcohol-based USDA E-3 type hand sanitizer

PROD. # 090006: 6-1 L/cs | 090024: 4-gal/cs | 090085: 55 gal

### □ Fuzion Alcohol Sanitizer Spray

Alcohol-based USDA E-3 type hand sanitizer

PROD. # 135716: 4-1200 mL/cs

## ENTRYWAY SHOE/ BOOT SANITIZING

### ■ Door San

High-foaming, 5th-generation quaternary ammonium chloride compound that can be used for foot sanitizing through entryway systems between processing areas. Effective in controlling small flies in drains by destroying their eggs

PROD. # 236224: 4-gal/cs | 236235: 5 gal | 236285: 55 gal | 236289: 275 gal

### □ Ultra Powder

A powdered, PerQuat product. Can be used everywhere in a plant including floors, entryways and in drains for added protection during production.

PROD. # U26401: 100 lb drum | U27001: 400 lb drum

\* These products are low-foaming sanitizers, therefore, they can be used in CIP and COP systems

# DRAINS, FLOORS, LUBRICANTS, AND SPECIALTY PRODUCTS

## Drain and Drip Pan Maintenance

In poultry facilities, floor drains and drip pans are often breeding grounds for harmful microorganisms. That makes them a potential source of microbial contamination. Zep offers a variety of drain maintenance products to keep drain lines free-flowing while controlling biofilm and odor.

### **MicroSolve Disinfectant Cleaner/Activator Solution**

Foaming, PerQuat® based cleaner for biofilm removal. For drain and equipment surfaces

PROD. # 287135: 5 gal • 287435: 5 gal | 287185: 55 gal • 287485: 55 gal

### **Zep Drain Cutter**

For drain maintenance in all food preparation and processing facilities. It helps to keep drains free-flowing and odor-free

PROD. # M93001: 12-2 pac/cs

### **Zep-I-Dine Blocks**

Iodine based drain and condensation pan cleaner and deodorizer blocks

PROD. # F07901: 72/cs

### **Zep Iodine Rings**

Iodine based drain and condensation pan cleaner and deodorizer rings

PROD. # 180701: 12/cs

## Floor Care



### **Morado Super Cleaner**

A heavy-duty industrial cleaner used to clean concrete floors and other types of floors. It quickly removes a wide variety of greasy and carbonaceous soils that are not readily attacked by ordinary cleaners/degreasers

PROD. # 085624: 4-gal/cs | 085635: 5 gal | 085650: 20 gal  
085685: 55 gal | 085689: 275 gal



### **Formula 50**

Heavy-duty, all purpose cleaner and degreaser. Recommended for cleaning floors and walls in all departments in food processing plants.

PROD. # 085924: 4-gal/cs | 085935: 5 gal | 085950: 20 gal | 085985: 55 gal | 085989: 275 gal

## Lubricants



Zep has a wide range of high-quality products designed to maintain your hard-working equipment and keep it operating reliably and at optimal production levels.

### ■ **Sanitary Spray Lube**

USP mineral oil lubricant for use on pump rotators, product chutes, slicers, grinding plates, trolleys, chains and cables, packaging, cutting blades and equipment assembly (H1)

PROD. # 024601: 12/cs

### ■ **White Slide**

Aluminum complex grease for bearings, pump rotators, products chutes, conveyors and forklifts (H1)

PROD. # 301405: 50/cs

### ■ **Zeplube**

For use as a lubricant, release agent, or antirust film on equipment and machine parts (H2)

PROD. # 145935: 5 gal | 145985: 55 gal | 145989: 275 gal

### ■ **FS Formula 23769**

Mineral oil for lubricating shackle rails, guide bars, and for use as a trolley lube. Prevents adhesion of feathers, blood, and other soils (H1)

PROD. # 145935: 5 gal | 145985: 55 gal | 145989: 275 gal

### ■ **Shacklube**

Biodegradable detergents and lubricants protect shackle line and rail system from rust, drag, and bearing wear

PROD. # H32185: 55 gal



# EQUIPMENT AND ENGINEERING SERVICES

## Food Specialty Products

### **Control Feather Softener**

Softens poultry skin for feather removal

PROD.# 241385: 55 gal

### **X-4269**

Red denaturant marks condemned poultry with a red color

PROD.# 354285: 55 gal

### **FS Foam-Sta**

For use as a light-duty detergent or with any alkaline or acid cleaner to produce a dense, stable foam that will cling to vertical or overhead surfaces to help clean grease, fats, and oxidation

PROD.# 243835: 5 gal | 243885: 55 gal

### **FS Cooler & Freezer Cleaner**

Ready-to-use cleaner remains a liquid at temperatures as low as -40°F. No rinse required

PROD.# 166535: 5 gal

### **XT-1597**

Ready-to-use cleaner remains a liquid at temperatures as low as -30°F. No rinse required. May be applied to floor with automatic scrubbing machine, brush, mop, or pump-up sprayer

PROD.# 622585: 55 gal

### **FS Formula 14865**

Ready-to-use floor and wall freezer locker cleaner remains a liquid at temperatures as low as 0°F. No rinse required

PROD.# 293035: 5 gal



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## Equipment

Zep is your one-stop source for both sanitation products and the equipment you need to apply them. Our Equipment & Service Department provides the equipment and expert installation that makes using your cleaning and maintenance products convenient, cost efficient and highly effective. If you have specialized needs, we also provide Custom Equipment to solve your most difficult application and dispensing problems.

- Central foaming systems
- Central sanitizing systems
- Wall mounted and portable foamers and sanitizers
- Chemical control and dispensing systems
- Entryway sanitizing systems
- Fogging units
- Specialty/Custom equipment



Wall-Mounted  
Sanitizers

Rolling Foamer Plus

Custom Enclosed  
Chlorine Dioxide  
Generator

# TOOL CRIB

## Maintenance Products

Why take the time to work with several suppliers when Zep provides cleaning and sanitation products for your entire facility - including your Maintenance Department. Our complete range of products is used by manufacturing companies every day and includes Industrial Cleaners & Degreasers, Lubricants & Penetrants, VOC Compliant Solvents & Parts Washers, Metal Working Fluids & Protective Coatings, Industrial Strength Hand Care, as well as Ground Maintenance Products (Insecticides/herbicides). We deliver high performance products that work right the first time to save you time and money.

### CLEANERS / DEGREASERS



#### Big Orange E (liquid)

Economical Natural Citrus Degreaser and Graffiti Remover. Contains no caustics, acids, petroleum distillates, chlorinated hydrocarbons or chlorinated aromatic solvents.

PROD. # 048501: 12-qt/cs | 048524: 4-gal/cs | 048535: 5 gal | 048550: 20 gal  
048585: 55 gal | 048589: 275 gal



#### ID Red (liquid)

Designed for use when extremely fast evaporation and no residue are desired. Effective solvent degreaser to remove oil, grease, tar, dirt, and lubricants.

PROD. # 057024: 4-gal/cs | 057035: 5 gal | 057050: 20 gal | 057085: 55 gal



#### Elec II Plus

Energized Electrical contact cleaner for circuit boards and energized electrical precision instruments. Quickly removes oil and grease without leaving a residue.

PROD. # 028301: 12/cs

### PARTS WASHING



#### Dyna 143

Solvent cleaner and degreaser. A highly-refined, high-flashpoint, low-toxicity hydrocarbon solvent with a low evaporation rate.

PROD. # 036635: 5 gal | 036650: 20 gal | 036685: 55 gal | 036692: 350 gal

### INDUSTRIAL HAND CARE



#### Cherry Bomb

Combines the power of pumice with moisturizing emollients to prevent dry, cracked hands.

PROD. # 095124: 4-gal/cs | 095150: 20 gal



#### Cherry Bomb Wipes

Heavy-duty hand cleaner towels remove stubborn industrial soils such as dirt, oil, and grease. No water necessary.

PROD. # 652201: 4 tubs/cs

### PENETRANTS / LUBRICANTS



#### Zep 45 Dual Force

Superior dual-action penetrant and lubricant

PROD. # 374301: 12/cs



#### Zep 45 Lubrisil NC

Silicone lubricant for reducing friction between moving parts for metal-to-metal contact surfaces. Stops squeaks in wheels, bearings and moving parts. (H1)

PROD. # 325801: 12/cs



#### Zep 45 Lubridry

Fast-drying silicone lubricant for reducing friction and squeaking (H1)

PROD. # 678501: 12/cs



#### Groovy-V

Heavy-duty industrial grade anti-seize lubricant fortified with copper, aluminum and graphite for metal parts, pipes and threaded fittings in a convenient aerosol package.

PROD. # 022101: 12/cs



#### Lubeze Drill Chill

Metal Working Fluid. Cutting oil that eliminates heat at its source to ensure clean, smooth cuts, and prolong tool life.

PROD. # 004501: 12/cs



# OFFICE / RESTROOM

## READY-TO-USE CLEANERS



### Zep 40

Heavy-duty, foaming cleaner for showcases, refrigerators, tile, chrome, stainless steel, soft drink machines and many other nonconductive surfaces in a convenient aerosol form

PROD. # 014401: 12/cs



### Vue R.T.U.

Ready-to-use spray-and-wipe cleaner for glass, mirrors, and other hard surfaces

PROD. # 101024: 4-gal/cs | 101085: 55 gal



### Spirit II

Ready-to-use, hospital grade, non-phenolic germicidal detergent for disinfecting surfaces

PROD. # 067909: 12-qt/cs | 067939: 5 gal | 067960: 30 gal | 067986: 55 gal



### Ring Master

All-purpose bathroom cleaner

PROD. # 184611: 12-qt/cs | 184624: 4-gal/cs | 184635: 5 gal

### Fuzion Select

(PROD.# S94501)



### Fuzion Touchless

(PROD.# S93301)



## FRONT OF HOUSE HAND CARE

### Fuzion Dispensers

Dispensing versatility with your choice of pump to dispense foam, spray or liquid products. Has an elegant look that can be used anywhere and mounted to any type surface.

### Fuzion Anti-Bacterial Foaming Hand Soap

Helps reduce bacteria and the spread of germs. Fortified with emollients for skin softening with a pleasant fresh scent.

PROD. # 125216: 4-1200 mL/cs

### Fuzion Alcohol Sanitizer Spray

Alcohol-based USDA E-3 type hand sanitizer

PROD. # 135716: 4-1200 mL/cs

## SAFE2DOSE CHEMICALS AND WALL-MOUNTED DISPENSER

### Safe2Dose DZ-7

Concentrated cleaner and disinfectant that kills microbes on pre-cleaned environmental surfaces and floors

PROD. # N68401: 4-2 liter/cs

### Safe2Dose Glass Cleaner

Formulated to remove light to moderate soils from glass, Plexiglass® and other surfaces

PROD. # N68001: 4-2 liter/cs

### Safe2Dose Oxy Non-Acid Bathroom Cleaner

Concentrated, peroxide based, non-acid bathroom cleaner

PROD. # N68301: 4-2 liter/cs



### Safe2Dose Dispenser

Two levels of protection (chemical packaging and dispenser) that reduces spills and employee exposure. Yields more than twice the amount of RTU chemical (compared to purchasing RTU).

PROD. # S93501

## Protecting Your Brand

At Zep, safety is incorporated into everything we do and goes well beyond the products we produce. It extends to the safety of your employees, protection of the environment, and most importantly, the safety of your food products and your consumers. A successful food safety and sanitation program is the top priority of every food processing operation, and your local Zep Rep is prepared to support that effort. Your staff will benefit from Zep's programs and systems that are custom-designed specifically for your facility to enhance your overall microbial control program. This kind of customer collaboration is the cornerstone of our success in the food industry.



**Professional Solutions Done Right.**  
Expertise that partners with you.

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