

Focused Sanitation Solutions for the

FOOD & BEVERAGE PROCESSING INDUSTRY



Helping You Stay Compliant

We bring industry experience, training and a service-oriented approach to your business, working closely with you to solve the most difficult challenges. AFCO's 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.



Assure® Sanitation Program

Food & Beverage Safety & Quality Assurance Program

- · GMPs/Sanitation gap assessment audits
- Regulatory review assessments
- 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

Quality Action Team

- Microbiological and Food Safety audits
- · Bacterial identification, testing, and typing
- Sanitizer efficacy and shelf-life evaluations
- Continuous Improvement projects

Cost Control

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

Sanitation Program

- Facility surveys and safety scans
- · Titration reports for chemical dispensing equipment
- Emergency and troubleshooting support
- Regular in-plant service visits and reports
- Titration test kit and reagents upkeep
- Online and in-plant customer training available
- · Custom program manual and SSOP support
- Online Infobase Document Portal and customized myProgram available

Chemical Management

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

Equipment & Engineering Services

- Custom chemical delivery, datalogging, and dilution systems
- Preventative maintenance on chemical feed equipment
- CIP engineering and fabrication, programming support

Water Treatment Services

- Treatment of processing water, boilers, cooling towers, and wastewater
- Controlled natural gas/water usage and operation 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 Specialists design and support your sanitation and safety programs to mitigate risk while controlling costs.

Superior Service

Our team works to help your business stay on track with regulatory compliance, providing everything from in-plant service to GFSI Audit preparation and training.

InfoBase & Online Training

AFCO offers 24-hr online access to your sanitation documents with InfoBase and to sanitation training videos with our Training Center.



InfoBase



Online Training Center

Quality Action Team



Our Quality Action Team of microbiologists, chemists, food scientists, audit specialists, SQF-certified staff and Six Sigma Black Belt engineers can assist you by troubleshooting and improving processes in your plant or by testing in our labs.



CLEANING AND SANITATION PRODUCTS



ALKALINE/CAUSTIC FOAMING CLEANERS

FS Formula 4089

High-foaming, chlorinated caustic cleaner

PROD. # 246524: *4-1 gal/cs* | 246535: *5 gal* | 246550: *20 gal* | 246585: *55 gal* | 246589: *275 gal*

FS Process Cleaner

Heavy-duty, high foaming, multi-purpose cleaner

PROD. # 294024: 4-1 aal/cs | 294035: 5 aal | 294050: 20 aal | 294085: 55 aal | 294089: 275 aal

■ Morado Super Cleaner

Heavy-duty cleaner/degreaser

PROD.# 085624: 4-1 gal/cs | 085635: 5 gal | 085650: 20 gal | 085685: 55 gal | 085689: 275 gal

AFCO 6019 CFT Superfoam

Chlorinated alkaline foam and high-pressure spray cleaner for external application on tanks, pipes, floors, and walls. Highly effective on all types of organic soils and is free-rinsing.

PROD. # 6019T: 4-1 gal/cs | 6019E: 5 gal | 6019F: 55 gal | 6019B: 265 gal | 6019A: bulk/gal

AFCO 5255 Lance

A high-foaming alkaline general-purpose cleaner/degreaser designed for removing fat, grease, and oily soils from food processing equipment, floors, walls, and painted surfaces, and for soak cleaning metal parts. Safe for soft metals when used as directed

PROD.# 5255E: *5 gal* | 5255K: *55 gal* | 5255B: *265 gal* | 5255A: *bulk/gal*

AFCO 5316 Power Foam HD

Alkaline pressure spray and foam cleaner that cleans heavy fatty soils found in poultry plant shackles, eviscerating areas, and smokehouses. Also removes burned-on soils.

PROD.# 5316T: 4-1 gal/cs | 5316E: 5 gal | 5316F: 55 gal | 5316BB: 265 gal

AFCO 6051 CCT-400

A chlorinated alkaline cleaner that becomes a viscous gel when mixed with water at the recommended use concentration, forming a thin clinging film on the equipment surface.

PROD.# 6051T: 4-1 gal/cs | 6051E: 5 gal | 6051F: 55 gal | 6051B: 265 gal | 6051A: bulk/gal

ACID FOAMING CLEANER/DESCALER

FS Concentrated Foaming Acid

High-foaming, blended acid detergent/descaler

PROD.# 236824: 4-1 gal/cs | 236850: 20 gal | 236885: 55 gal | 236889: 275 gal

EXTERNAL CLEANING VERIFICATION

TM Smart Gel

Intelligent color indicator system that provides verification of cleanliness based on patented persulfate technologies. When applied to food processing equipment and surfaces it makes invisible soils & microbes visible by changing color.



ALKALINE/CAUSTIC CIP CLEANERS

AFCO 5229

Heavy-duty blended caustic ideal for use on high temperature processing equipment, kettle boilouts, and CIP. Contains foam control, water hardness conditioners, and is free-rinsing.

 PROD.#
 5229E: 5 gal
 5229F: 55 gal
 5229B: 265 gal
 5229BB: 275 gal

 5229A: bulk/gal

AFCO 5237 Super Alk HD

Designed to remove soils found in milk and food processing plants with hard water. It controls foam in CIP, boil out, egg washing, and high pressure systems.

ACID CIP CLEANER

AFCO 5380 Poni-Acid

Concentrated inorganic blend of acids especially designed for C.I.P. cleaning and for rapid removal of soils, scale, milkstone and stains.

PROD.# 5380T: 4-1 gal/cs | 5380E: 5 gal | 5380G: 55 gal | 5380B: 265 gal | 5380A: bulk/gal

PROCESSING AIDS

AFCO 1072 Super Defoamer

A unique clear, viscous liquid, non-silicone concentrated foam control agent. It is compatible with both acid and alkaline systems and can be used in CIP systems, egg washers, spray washers, and bottle washers.

PROD. # 1072N: 5 gal | 1072K: 55 gal | 1072A: bulk/gal

AFCO 1260 10% Defoamer

A water-dilutable 10% active silicone antifoam/defoamer. It has been designed to control foam in water-based food and chemical processes. AFCO 1260 is a long-lasting antifoam that is nearly inert.

PROD. # 1260E: 5 gal | 1260F: 55 gal | 1260BB: 275 gal | 1260B: 330 gal

■ AFCO 4308 Hyperclean Boost

A peroxide-based liquid used prior to the caustic wash to penetrate and break down tough, cooked-on soils in CIP systems, pasteurizers, and other heated processing equipment.

PROD. # 4308E: *5 gal* | 4308F: *55 gal* | 4308B: *265 gal*

INTERNAL CLEANING VERIFICATION COLOR-CHANGE TECHNOLOGY

AFCO 5567 TM Desana Max IC

Patented chlorine-free powdered CIP all-in-one cleaner/ verifier. Easily dissolved in water, effective on all types of soils, easy-rinsing.

PROD. # 5567T: 225 - 1.9 oz packets/cs

AFCO 5542 TM Desana IC

Patented chlorinated alkaline CIP cleaner-verifier is for all-in-one use as a CIP cleaner for all internal surfaces, with detection and measured verification feedback for organics removed.

PROD. # 5542T: 4-1 gal/cs | 5542E: 5 gal | 5542F: 55 gal

AFCO 5566 TM Desana Liquid

Chlorine-free, highly concentrated CIP cleaner, effective at low concentrations for removal of all types of organic soils.

PROD. # 5566T: 4-1 gal/cs | 5566E: 5 gal | 5566F: 55 gal

AFCO 5565 TM Desana Basic

Chlorine-free liquid alkaline CIP cleaner formulated for heavy-duty treatments of beverage dispensing systems

PROD. # 5565T: 4-1 gal/cs | 5565H: 15 gal | 5565F: 55 gal

AFCO 5544 SMART CIP

Patented chlorinated alkaline CIP cleaner-verifier for all-in-one use as a standard CIP cleaner for all internal surfaces, with detection and measured verification feedback for organics removed.

PROD. # 5544T: 4-1 gal/cs | 5544E: 5 gal | 5544F: 55 gal

Health & Safety Product Color Coding

A key component of AFCO'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.

- Acidic pH values 0 to 5
- Alkaline pH values 9 to 11
- Contains Chlorine
- Neutral pH values 6 to 8
- Alkaline (corrosive) pH values 12 and greater

FOOD SURFACE SANITIZERS

AFCO 4325 Per-Ox*

EPA-registered sanitizer/disinfectant containing peroxyacetic acid and hydrogen peroxide. Equipment can be sanitized by circulation, mopping, wiping, flooding, soaking, or by applying a coarse spray. Also for certified organic production.

PROD. # 4325E: 5 qal | 4325F: 53.5 qal | 4325B: 330 qal

AFCO 4367 Per-Ox Extreme *

EPA-registered sanitizer containing peroxyacetic acid and hydrogen peroxide, for CIP sanitizing of equipment.

PROD. # 4367E: 5 gal | 4367F: 53 gal | 4367B: 300 gal

FS Amine-Z*

Fifth-generation, quaternary ammonium chloride sanitizer, disinfectant (approved for fogging)

PROD. # 170023: *4-1 gal/cs* | 170039: *5 gal* | 170049: *20 gal* | 170086: *55 gal* | 170089: *275 gal*

■ AFCO 4312 Vigil-Quat*

A complete, chemically-balanced disinfectant and sanitizer that provides clear use solutions even in the presence of hard water.

PROD. # 4312T: *4-1 gal/cs* | 4312E: *5 gal* | 4312L: *30 gal* | 4312F: *55 gal* | 4312B: *265 gal* 4312B: *275 gal* | 4312A: *bulk/qal*

AFCO 0251 Chlorilizer Plus*

12.5% Sodium hypochlorite sanitizer and disinfectant

 PROD. #
 0251T: 4-1 gal/cs
 0251E: 5 gal
 0251L: 30 gal
 0251K: 55 gal

 0251B: 265 gal
 0251BB: 330 gal

^{*} See product label for complete DIRECTIONS & PRECAUTIONS.

CLEANING AND SANITATION PRODUCTS

FOOD SURFACE SANITIZERS (continued)

AFCO 5531 Sanifect D2 Plus*

2 in 1 cleaner and sanitizer, product application in both wet and dry processing environments.

PROD. # 5531X: 12-1 qt/cs | 5531T: 4-1 gal/cs | 5531E: 5 gal | 5531F: 55 gal | 5531B: 265 gal

AFCO 5503 Sanifect D2*

A no-rinse, ready-to-use, EPA registered sanitizer is great for wet and dry environments. It contains a combination of isopropyl alcohol and a powerful quaternary ammonium compound.

PROD.# 5503T: 12-1 qt/cs | 5503E: 5 gal | 5503F: 50 gal | 5503B: 265 gal

DIRECT INTERVENTION ANTIMICROBIALS

AFCO 4363 Perasafe 23

FDA-approved peracetic acid-based antimicrobial agent for use in federally inspected meat, poultry, and seafood processing facilities.

PROD. # 4363E: 5 qal | 4363F: 53 qal | 4363B: 330 qal

AFCO 4360 Perasafe FC-100

Peroxyacetic acid/hydrogen peroxide-based microbiocide for use in federally inspected meat, poultry, seafood, and shell egg processing facilities, including certified organic processing.

PROD. # 4360E: *5 gal* | 4360F: *55 gal* | 4360B: *300 gal*

☐ Keeper® Post Harvest, Poultry, Red Meat, Seafood

Acidified Sodium Chlorite antimicrobial agent. Activate with AFCO 0236 50% Citric Acid Food Grade.

POST HARVEST PROD. #	293435: 5 gal 293460: 30 gal 293485: 55 gal
POULTRY PROD. #	293135: 5 gal 293185: 55 gal 293189: 330 gal
RED MEAT PROD. #	291935: 5 gal 291985: 55 gal
SEAFOOD PROD. #	293335: <i>5 gal</i> 293385: <i>55 gal</i>

DRAIN AND DRIP PAN MAINTENANCE

MicroSolve Disinfectant Cleaner, Activator Solution, and Soft Metal Safe Activator Solution*

Foaming, PerQuat® based cleaner for biofilm removal. See label for full claims and usage instructions.

 DISINFECTANT CLEANER PROD. #
 287135: 5 gal
 | 287185: 55 gal

 ACTIVATOR SOLUTION PROD. #
 287435: 5 gal
 | 287485: 55 gal

 SMS ACTIVATOR SOLUTION PROD. #
 296235: 5 gal
 | 296285: 55 gal

ZEP DRAIN CUTTER

Quat-based rings that maintain drains and eliminate sources of odor.

PROD. # M93001: 12 - 2 packs/cs

* See product label for complete DIRECTIONS & PRECAUTIONS.

DOORWAY/DRAIN SANITIZERS AND DISINFECTANTS

■ Door San*

High-foaming, 5th-generation quaternary ammonium chloride compound that can be used in entryway systems to prevent cross-contamination between processing areas. Effective in controlling small flies in drains by destroying their eggs

PROD. # 236224: *4-1 gal/cs* | 236235: *5 gal* | 236285: *55 gal* | 236289: *275 gal*

AFCO 2550 Peroxy-Step

Powdered floor treatment for use as a continuous floor cleaner/deodorizer.

PROD. # 2550P: 45 lb | 2550G: 90 lb | 2550F: 350 lb

FS Floor Treatment

Quat-based powder which helps maintain floors and floor drains in food plants

PROD. # 576357: 275 gal

CONVEYOR MAINTENANCE

AFCO 5546 TM SMART TRACK BASIC

A multi-purpose dry conveyor lubricant designed keep plastic or stainless-steel conveyor belts cleaner, reducing PET stress-cracking precursors and conveyor cleaning time.

PROD. # AF5546F: *55 gal*

AFCO 5564 TM SMART TRACK CONCENTRATE

Unique dry lubricant for all packages on plastic belts. Specially designed and engineered application system.

PROD. # 5564F: 10 kg

■ AFCO 5560 CLEAN TRAC S

Low-foaming synthetic chain lubricant for use in automated central dosing units. Keeps conveyor belts in clean condition. Applies for all levels of water hardness. Suitable for PET.

PROD.# 5560E: 5 gal | 5560F: 55 gal | 5560B: 265 gal

AFCO 6648-PC Smart Foam

A multi-purpose conveyor maintenance product formulated with hydrogen peroxide for use on PET package conveyor lines. Allows for low-level cleaning during normal production and is applied through conventional wet lube application equipment.

PROD.# AF6648E: 5 gal | AF6648F: 55 gal | AF6648B: 275 gal

AFCO 6649-PC Smart Foam Plus

A multi-purpose conveyor maintenance product that combines the high-performance of Smart Foam technology with the cleaning properties of peracetic acid. Designed to reduce or eliminate PET stress cracking precursors such as conveyor soils or lubricant make-up water alkalinity.

PROD. # AF6649E: 5 aal | AF6649F: 55 aal | AF6649B: 275 aal

VALUE-ADD SERVICES

Bulk Chemical Delivery

AFCO can provide bulk chemical deliveries, please see your AFCO rep for more information.



Wireless Bulk Chemical Tank Monitoring

AFCO has TankLink monitoring for all bulk tanks storing AFCO chemicals, which includes:

- 24/7 access to Tank Data Online anywhere in the world
- Data and alerts sent to your PC or mobile device to help you make the best inventory and delivery decisions
- A Mobile App making access easy for you or your driver via Smartphone, tablet, or other mobile device



Water Treatment Division

Our dedicated water treatment team focuses on every process in your plant, from incoming water to wastewater.

Our team can save your plant money by:

- Lowering natural gas/water usage
- Increasing lifespan & efficiency of capital equipment
- Lowering overall cost of operations





EQUIPMENT AND FABRICATION SERVICES

Equipment and Fabrication

AFCO is your one-stop source for both sanitation products and the equipment you need to apply them. Our Equipment & Fabrication 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 & Installation to solve your most difficult application and dispensing problems.





Custom

ALX Chemical Allocation System







Custom Enclosed Chlorine Dioxide Generator



4-way Mixing Station AF08985400



| Wall-Mounted Sanitizer N80301





C4 Doorway Foamer W59901

TOOL CRIB

CLEANERS / DEGREASERS



Big Orange E (liquid)



Economical natural citrus degreaser and graffiti remover. Contains no caustics, acids, chlorinated hydrocarbons or chlorinated aromatic solvents.

PROD. #

048501: 12-qt/cs | 048524: 4-1 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, and grime.

PROD. # 057024: 4–1 qal/cs | 057035: 5 qal | 057050: 20 qal | 057085: 55 qal



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





Dyna-Clean Basin and Drum

Solvent parts washer designed to reduce the generation of hazardous wastes and reduce the need for expensive liquid hazardous waste removal.

PROD. # 915201: complete system | 915301: parts washer unit only



Dyna 143

Solvent cleaner and degreaser for use with the Dyna-Clean system. A highly-refined, high-flashpoint, low-toxicity hydrocarbon solvent with a low evaporation rate.

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





D-4000 Plus Dispenser

1-Gallon hand soap dispenser made of anodized aluminum and reinforced nylon for a durable, versatile unit that is nearly indestructible. Stainless steel pumping mechanism is resistant to corrosion, rust and abrasion.

Dispenses 095124 Cherry Bomb, 090124 FS Antimicrobial Handcleaner, R54824 TKO, and 092524 Reach.

PROD. # 60010: each



FS Antimicrobial Hand Cleaner

Antimicrobial hand cleaner designed for elimination of cross-contamination in food processing facilities.(E2)

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



E-2 Foaming Hand Soap

Superior, foaming antibacterial hand cleaner and sanitizer with PCMX. Rinse required.

PROD. # 099416: 4-2500 mL/cs



Cherry Bomb

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

PROD. # INTRO SKU – 095120: 4-1gal/cs + dispenser 095124: 4-1 gal/cs | 095150: 20 gal



TKO

Heavy-duty hand cleaner with pumice that cuts through dirt, grease and grime and moisturizes hands.

PROD. # R54824: 12/cs



Alcohol Sanitizer Spray

Alcohol-based USDA E-3 type hand sanitizer

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



PENETRANTS/LUBRICANTS



Sanitary Spray Lubricant

Formulated with the finest U.S.P. grade mineral oil for use primarily as a lubricant for food processing equipment. Leaves an almost invisible film which has excellent lubricating properties and water repellency. (H1).

PROD. # 042601: 12/cs



Zep 45 Dual Force

Superior dual-action penetrant and lubricant that doesn't compromise one for the other. Improved odor. Low VOC.

PROD. # 374301: 12/cs



Odorid Maintenance Cartridge

Provides controlled release of chlorine dioxide to neutralize odors in food/beverage plants. One cartridge lasts 45 days.

PROD. # U56301 : 18 cartridges/cs

Zeptabs Plus*

Contain a potent, broad-spectrum bacteriostat which controls slime build up, drain pan overflow and the growth of harmful bacteria in air-conditioning drain pans.

PROD. #

130012: *144/c*s

JANITORIAL AND RESTROOM CARE



JANITORIAL CLEANING SYSTEMS

Safe2Dose Dispenser

Flexible wall-mount dispenser with two levels of protection (chemical packaging and dispenser) that reduces spills and employee exposure. Color-coded and numbered system to ensure easy chemical identification.

PROD. # \$93501: each

Safe2Dose Wire Rack

A wire rack that holds up to five 2-liter Safe2Dose bottles and is lockable.

PROD. # \$92201: each

S2D ProVisions Pot & Pan Plus

A manual dishwashing detergent that cuts through grease and soils. It leaves no hard water film and has no fragrance added.

PROD. # N60401: 4-2L/cs

S2D ProVisions No-Rinse Sanitizer

A disinfectant, deodorizer, sanitizer and virucide for use as a flood sanitizer or in 3-compartment sinks.

PROD. # N60901: 4-2L/cs

S2D Non-Acid Bathroom Cleaner (Greenlink)

A concentrated, all-purpose hard surface cleaner fortified with peroxide. Designed for light to medium-duty cleaning tasks.

PROD. # N68301: 4-2L/cs

S2D Apriza II*

A concentrated, all-purpose hard surface cleaner and sanitizer fortified with peroxide. Designed for light to heavy-duty cleaning tasks.

PROD. # N68501: 4-2L/cs

S2D DZ-7 Disinfectant*

A neutral disinfectant cleaner designed to provide effective cleaning, deodorizing, and disinfection.

PROD. # N68901: 4-2L/cs

S2D Odor Counteractant

A powerful odor counteractant that chemically neutralizes the source of malodors and imparts a pleasant, long-lasting fragrance.

PROD. # N68801: 4-2L/cs

OFFICE AND RESTROOM CARE

Formula 50

An all-purpose, heavy-duty cleaner & degreaser that can be used to clean ceramic tile, composition and concrete floors, metal and unpainted machinery and whitewall tires.

PROD. # 085924: *4-1 gal/cs* | 085935: *5 gal* | 085950: *20 gal* | 085985: *55 gal* 085989: 275 gal

Formula 50 RTU



PROD. # F50001: 4-1 qal/cs | F50035: 5 qal | F50085: 55 qal

Spirit II*

A ready-to-use quat-based disinfectant cleaner

PROD. # 067923: 4-1 gal/cs | 067909: 12-qt/cs | 067939: 5 gal

Ultra Wipes

Strong, reusable, lint-free cloths excellent for glass, chrome, metal, and vinyl surfaces, hands, tools, and equipment. Use wet or dry.

PROD. # 895601: 450/cs

RESTROOM HAND CARE



\$94501

Fuzion Select and Touchless 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.

S93301

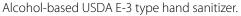
Fuzion Anti-Bacterial Foaming Hand Soap



Helps reduce bacteria and the spread of germs.

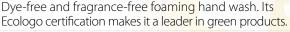
PROD. # 338816: 4-1200 mL/cs

Fuzion Alcohol Sanitizer Spray



PROD. # 135716: 4-1200 mL/cs

Fuzion Foaming Hand Wash



PROD. # 124516: 4-1200 mL/cs





Professional Solutions Done Right.

Expertise that partners with you.



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