

SANITATION

FOOD & BEVERAGE SOLUTIONS



For More Information:
800.255.4050
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WHY SYNTHETIC LABS?



PROVEN SOLUTIONS

Formal cleaning & sanitation practices within food & beverage processing facilities are critical to meeting safety standards and achieving product consistency. Constant re-evaluation of these practices to ensure cleanliness is the hallmark of a successful brand. Synthetic Labs has the products you need to meet today's cleaning & sanitation standards.



DEVELOPMENT OF STANDARD OPERATING PROCEDURES

Our team of highly trained experts in the field and our client success team in the office are ready to consult you on all of your product needs and implement turnkey Sanitation Standard Operation Procedures (SSOP's) to get your facility meeting local health practices overnight.



SERVICE & TRAINING

Synthetic Labs' commitment to you does not begin and end with product sales. In addition to chemical solutions, our team will install and maintain dilution control equipment throughout your facility. Talk to your Synthetic Labs specialist to see if you qualify for no-cost equipment. Lastly, if you or your staff ever needs re-training on SSOP's, we'll be there at no additional cost. We treat your business with the same care and dedication as if it were our very own.



WHAT WE OFFER

We have the cleaning & sanitation products, the expert staff, the dilution control equipment and service technicians to work on it, but what we feel really sets Synthetic Labs apart is our ability to minimize safety concerns, and maximize efficiency with our attention to detail. Here are a few of the amenities our partners receive, no questions asked.



WALL CHARTS & STICKERS

Our team will install proper signage throughout your facility to aid in safety & sanitation practices. These items are offered at no additional cost, and can be customized with your company's information to create a cohesive environment.



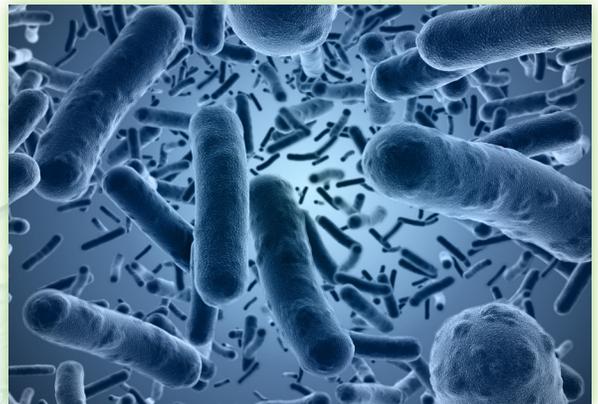
TEST KIT & STRIPS

When it comes proper sanitation and maximizing products, we take no shortcuts; that's why we provide test kits and test strips to accompany our corresponding products. When dealing with food safety, there's nothing more important than being accurate with your measurements.



ONE SOURCE ACADEMY

Clients of Synthetic Labs will be given the option to have their staff go through our OneSource Academy program where we will cover products, product safety, PPE, and proper sanitation practices. Recipients that complete the academy will be awarded a OneSource Academy diploma with their name on it.



Sanitation is Critical

Proper Sanitation is the Most Effective Defense Against Contamination

From a safety perspective, sanitation is the key step in the food & beverage industry, and must be repeated as recommended to protect your brand. Sanitation is crucial and it is important to align yourself with a supplier that will ensure that you are sanitizing safely and effectively while minimizing cost.

FOAMING CAUSTIC / ALKALINE



Alka Chlor HF

Item# 6235

A high foaming chlorinated cleaner that is designed for use in all food processing areas. This highly concentrated cleaner quickly and effectively penetrates and lifts animal fats, proteins, food residues, oil, grease and soap scum.

pH: 13.5

Dilution: 2-12 oz/gal



Alka Foam NC

Item# 6215

A heavy duty foaming non-chlorinated cleaner is designed for use in all food processing areas. This highly concentrated cleaner quickly and effectively penetrates and lifts animal fats, proteins, food residues, oil, and grease.

pH: 13.5

Dilution: 2-12 oz/gal



Master Hood

Item# 6336

A highly concentrated alkaline containing moderate foaming detergents. The strong alkaline builders make for the easy removal of carbonized residues, grease, oils, fats and soils from a variety of surfaces. Safe on stainless steel & copper.

pH: 14

Dilution: 32 oz/gal

LOW / NON-FOAMING CAUSTIC / ALKALINE



Alka Plus 14

Item# 2901

A heavy duty caustic cleaner for use in CIP systems, and soak tanks to remove heavy buildup of proteins and other minerals. Contains special chelating and wetting agents to penetrate quickly and to prevent redeposition of loosened soils.

pH: 14

Dilution: 0.5-4 oz/gal | 2-8 oz/gal for boil outs



Alka Chlor NF

Item# 6217

A non-foaming chlorinated degreaser designed for use in all food processing areas. This highly concentrated cleaner quickly and effectively penetrates and lifts animal fats, proteins, food residues, oil, grease and soap scum.

pH: 13.5

Dilution: 2-12 oz/gal



Alka Safe 12

Item# 2902

A heavy duty non-caustic, non-hazardous powdered cleaner for use in CIP systems, and soak tanks to remove heavy build up. Contains special chelating and wetting agents to penetrate quickly and to prevent redeposition of loosened soils.

pH: 12.5-13

Dilution: 1-4 oz/gal | 2-8 oz/gal for boil outs



CIP Cleaner

Item# 2888

A heavy duty caustic cleaner for use in CIP systems, and soak tanks to remove heavy build up from proteins, fats, oils, and grease. Excellent for removing carbon from non aluminum surfaces. USDA Applicable.

pH: 14

Dilution: 0.5-4 oz/gal | 2-8 oz/gal for boil outs



Powdered CIP

Item# 2675

A heavy duty powdered caustic cleaner for use in CIP systems, and soak tanks to remove heavy build up from proteins, fats, oils, and grease. Excellent for removing carbon from non aluminum surfaces. USDA applicable.

pH: 14

Dilution: 0.5-4 oz/gal | 2-8 oz/gal for boil outs

ACID-BASED CLEANERS



Acid NP 230

Item# 2935

A concentrated blend of phosphoric and nitric acids and penetrants to remove heavy build up of minerals and deposits on aluminum and stainless steel surfaces. Great for facilities that need a CIP and keg cleaner in one product.

pH: 1

Dilution: 1 oz/10 gals for acid rinse | 1 oz/gal various uses



Acid 80P

Item# 2936

A concentrated blend of 80% phosphoric acid and penetrants to remove heavy build up of minerals and deposits on aluminum and stainless steel surfaces. Great for facilities that need a CIP and keg cleaner in one product.

pH: 1

Dilution: 1 oz/10 gals for acid rinse | 1 oz/gal various use



Acid 100 N

Item# 2941

A concentrated of 100% nitric acid and penetrants to remove heavy build up of minerals and deposits on aluminum and stainless steel surfaces. Great for facilities that need a CIP and keg cleaner in one product.

pH: 1

Dilution: 1 oz/10 gals for acid rinse | 1 oz/gal various use



HF Acid

Item# 2903

HF Acid blends the natural cleaning power of phosphoric acid with a rich foaming lather. Perfect for removing mineral deposits, lime scale, beer stone, and more from stainless steel and other acid-resistant surfaces.

pH: 1-2

Dilution: 1 oz/10 gals



Acid KBW

Item# 2937

A concentrated blend of nitric and phosphoric acid specially formulated to remove heavy buildup of soil and mineral deposits from kegs and aluminum or stainless steel barrels.

pH: 1

Dilution: 1 oz/10 gals for acid rinse | 1 oz/gal various uses

HARD SURFACE SANITIZERS



GC-2010

Item# 2010

An EPA registered concentrated, no-rinse sanitizer for food facilities. This quat-based sanitizer is perfect for food processing, brewing, and restaurant equipment, and has approved boot/shoe bath instructions to prevent cross contamination.

pH: 7-8

Dilution: 1-2 oz/4 gals | 0.25 oz/gal for boot bath



No Rinse

Item# 2101

An EPA registered ready-to-use, no-rinse sanitizer for food facilities. This quat-based sanitizer is perfect for food processing, brewing, and restaurant equipment.

pH: 7

Dilution: Ready-To-Use



Chlor San

Item# 2597

An EPA registered concentrated chlorine sanitizer for use in the food & beverage industry. This highly concentrated product can be used in dish machines, as well as cleaning equipment & other surfaces. Contains 12.5% sodium hypochlorite.

pH: 13.5

Dilution: 2 oz/10gals | 50-200 ppm



OxySan

Item# 2777

The multifunctional OXYSAN Acid Sanitizer is a 5.3% peracetic acid solution that can be used in a wide range of industries and is registered by the EPA for use in the United States.

pH: <1

Dilution: High Yield Product, Dilution Varies



BioSan (FDA Accepted)

Item# 2776

A peroxyacetic acid-based microbicide for use in Federally Inspected meat, and poultry processing locations. Its use is acceptable for direct or indirect contact in or on food, including fruits, vegetables, meat, and poultry if used as directed.

pH: <1

Dilution: High Yield Product, Dilution Varies

EGG WASHING



EW-1000

Item# 2890

A specially formulated cleaner for use in the washing of eggs. Provides efficient egg washing by quickly removing multiple contaminants from the shell of eggs. Surfactants and chelates prevent redepositing of soil on the eggshell.

pH: 11

Dilution: 0.5 oz/gal



EW-2000

Item# 2891

A double-chelated, highly caustic non-foaming cleaner and degreaser. Removes greasy soils in CIP or soak cleaning of food processing equipment, bottle washing, hot milk lines, HTST units, fryer boil-outs, etc. Designed to be used along with EW-1000 in food processing applications.

pH: 13.5

Dilution: 1 oz/ 100 gals



Defoam 20

Item# 1809

A non-silicone, water-based emulsion designed to quickly eliminate foam in virtually any liquid recovery systems, including floor cleaning, CIP cleaning, the food and beverage industry.

pH: 7-8

Dilution: 10 ppm (1 gal/500 tons of solids)



Eco Scale

Item# 6341

Used for descaling and deliming dishwashers, steam tables, cleaning stainless steel and aluminum, and processing equipment where minerals and lime need removing. Will not harm stainless steel or glass.

pH: 2-3

Dilution: High Yield Product, Dilution Varies

GENERAL PURPOSE CLEANERS



HD Cleaner & Degreaser

Item# 0307H

A powerful high foaming non-butyl cleaner & degreaser which removes the toughest grease and grime. Removes grease, smoke film, greasy food soils, and other tough stains. Will not leave sticky residues. Rinses easy. USDA approved.

pH: 13.5

Dilution: 2-6 oz/gal



Peroxi-Clean

Item# 4306

A one of a kind cleanser formulated with surfactants to dissolve and suspend soils in water. The oxygen triggers the surfactants and increases efficiency. Penetrates the surface, sending the cleaning agents deeply into the soils and stains.

pH: 2-3

Dilution: 2-4 oz/gal



Kleen Green

Item# 8135

A heavy duty, deep penetrating cleaner & surface degreaser designed for everyday cleaning and works in virtually any application; from light to heavy. Can be applied through sprayers, by hand, or even through pressure washing machines.

pH: 9-10

Dilution: 12-26 oz/gal

3 BAY SINK PRODUCTS



Premium Suds

Item# 2856

A premium pot & pan detergent for manual applications. A mild detergent that is easy on hands, leaving them silky smooth. The high sudsing surfactants produces long lasting, billowing suds that cut through the toughest greases.

pH: 7-8

Dilution: 0.25-1 oz/gal



GC-2010

Item# 2010

An EPA registered concentrated, no-rinse sanitizer for food facilities. This quat-based sanitizer is perfect for food processing, brewing, and restaurant equipment. Perfect for 3 bay sinks and manual dish / equipment washing applications.

pH: 7-8

Dilution: 1-2 oz/4 gals



Premium Pot & Pan

Item# 2856

An premium pot & pan detergent for manual applications. Easy on hands, tough on soils. This free rinsing formula whisks away soils.

pH: 7-8

Dilution: 0.25-1 oz/gal



Eco Suds

Item# 0638

A Safer Choice approved, environmentally preferred pot & pan detergent for manual applications. 100% biodegradable.

pH: 7-8

Dilution: 0.25-1 oz/gal

DRAIN MAINTAINERS



Digest

Item# 1815

An enzymatic mixture that effectively dissolves & liquefies grease, fat, oil, protein, starch, cellulose. The liquefied organic matter can then be "eaten" by the enzymes. Coats pipes and drains with a thin film that continues to work.

pH: 9

Dilution: contact your Synthetic Labs specialist for recommended dilutions



Drain Away

Item# 1805

A heavy duty alkaline drain cleaner designed to unclog drains and prevent build-up's. Easy to use and starts working immediately. Converts fats and oils in soluble soap, allowing for free rinsing.

pH: 14

Dilution: Ready-To-Use

JANITORIAL PRODUCTS



Neutral

Item# 4314

A Safer Choice approved, environmentally preferred, super concentrated, no rinse floor & surface cleaner, formulated with biodegradable surface active agents.

pH: 7-8

Dilution: 2-4 oz/gal



Clear View

Item# 4313

A Safer Choice approved, environmentally preferred glass cleaner. Fast acting, non-streaking, and 100% biodegradable.

pH: 7-8

Dilution: 2-4 oz/gal



Best 20

Item# 4308

An environmentally preferred bowl & bathroom cleaner that uses the power of organic acid to remove soils, body oils, and soap scum. Will clean & freshen toilet bowls and urinals, and remove hard water stains and scale buildup.

pH: 2-3

Dilution: 2-4 oz/gal



Odor Rid

Item# 1814

A super concentrated odor counteractant. Contains odor inhibitors that change the molecular structure of odor causing substances. Available fragrances include lemon, cherry, linen, apple, caribbean and more!

pH: 7-8

Dilution: 1-2 oz/gal



GC-2030

Item# 2030

An EPA approved concentrated disinfecting cleaner. Effective against Pseudomonas aeruginosa, Staphylococcus, Salmonella enterica, Escherichia coli, HIV-1 and *SARS Associated Coronavirus (COVID-19).

pH: 12-13

Dilution: 2-8 oz/gal

FLOOR CARE PRODUCTS



Easy Mop

Item# 6187

A concentrated blend of enzymes & surfactants to help break down food, bacteria, and petroleum in food prep areas. This product can be applied before cleaning as a prespray or after cleaning to further remove the stains.

pH: 9

Dilution: 2-4 oz/gal



Indy LF

Item# 0304

A low foaming floor cleaner that has been fortified with cutting edge detergents to cut through the toughest heavy grease and soil deposits. Leaves floors bright and shiny. For use with auto scrubbers or mop.

pH: 12.5

Dilution: 2-6 oz/gal



Detergent AC

Item# 6208

A heavy duty low foaming chlorinated cleaner for use on food processing floors and tile. Quickly and effectively penetrates deep into uneven areas to break down and lifts animal fats, proteins, food residues, oil, grease and soap scum.

pH: 13.5

Dilution: 3-5 oz/gal



Super Blue HD

Item# 0317

A fortified heavy duty butyl-based spray cleaner for removal of heavy grease and oils and is great to use on equipment, concrete and surfaces where mechanical grease is a problem. Emulsifies immediately for quick and easy removal.

pH: 13.5

Dilution: 2-12 oz/gal



SPECIALTY PRODUCTS



Formula 45

Item# 0359

A heavy duty non-caustic, non-butyl floor & surface cleaner and meat room degreaser for use in food processing facilities. This cleaner quickly & effectively penetrates and lifts animal fats, proteins, food residues, oil, and grease.

pH: 11

Dilution: 2-6 oz/gal



Oven Aid

Item# 6522

A commercial strength liquid oven & grill cleaner that eliminates the need for heavy scrubbing or scraping. This cleaner works quickly to remove tough grease & carbon deposits. Works on grills, ovens, and fat-fryers. USDA accepted.

pH: 13.5-14

Dilution: RTU-4 oz/gal



Isopropyl 70%

Item# 6256

This 70% isopropyl alcohol can be used for many functions- mainly its antimicrobial properties that make it effective against bacteria, fungi, and more. It is also commonly used a specialty cleaner.

pH: 6-8

Dilution: Usage Varies



Block Whitener

Item# 1908X

An 8% sodium hypochlorite (bleach) solution that begins working immediately to whiten & brighten cutting boards used in meat processing in as little as 15 minutes.

pH: 13.5

Dilution: Ready-To-Use



HC Lube

Item# 2885

A premium food line lubricant formulated to withstand the harshest processing plant conditions. This product excels at providing a powerful buffer against corrosion, drag and wear for all types of moving mechanisms within the plant.

pH: 6-7

Dilution: 1-2 oz/gal

SPECIALTY PRODUCTS



Sub Zero

Item# 0408

This low temp floor & surface cleaning product will remove dirt, grime, fat and grease deposits from floors, freezer lockers, walls, equipment, storage racks. While being tough on soils and grease, it will not freeze down to -40°F.

pH: 9-10

Dilution: Ready-To-Use



Green CSR

Item# 4307

A heavy duty environmentally formulated spray cleaner for removal of grease, heavy soils, dirt, ink, carbon soot and all stubborn soils. Works on all surfaces from painted walls to masonry, brick, ceramic tile and stainless steel.

pH: 11

Dilution: 2-4 oz/gal



Beer Line Cleaner

Item# 0611

A product designed to clear away minerals and buildup commonly found in beer line. The preferred product by those who favor a modern scientific approach over the conventional caustic powder preparations. Contains a built-in rinse aid.

pH: 13.5-14

Dilution: 2 oz/gal



React O₂

Item# 2942

A highly concentrated hydrogen peroxide based additive to be used in conjunction with Alkali CIP cleaners. Removes hop resins and protein deposits.

pH: 11

Dilution: <1-1 oz/gal

DILUTION CONTROL EQUIPMENT

item # 975225



WR-2 Foam/Rinse/Sanitize With SmartWand™

A combination medium volume airless foam/rinse/sanitizer applicator featuring the unique all-in-one SmartWand™. This venturi injection system uses standard city water pressure (35 - 125 PSI) to draw and blend chemical concentrate into the water stream to create an accurately diluted solution. Creates and projects wet, clinging foam on to any surface up close or at distances up to 6 feet. Simply open the appropriate ball valve and rotate the SmartWand™ to use the fan pattern spray setting to apply sanitizer or to rinse at full pressure.

Key Features

- Designed for foam cleaning, rinsing and sanitizing medium to large sized areas where compressed air is not available.
- Projects wet, clinging foam which increases chemical contact time and effectiveness.
- Chemical resistant components ensure years of performance with minimal maintenance.

item # 7561000



Sani-Select

The small, compact footprint works well with the limited space found in many food-prep environments. Single choice selector knob eliminates any chance of dual chemical dosing. Sani-Select is an ideal delivery system for foaming cleaner and a surface sanitizer as used in kitchens, meat & deli departments. But, can be used to accurately dilute and deliver any two chemicals in a variety of applications such as a vehicle wash and rinse. Or, a heavy dose and a normal application dose of the same chemical.

Key Features

- Easy Dial Selector
- Compact Footprint
- Two Chemical Feeds + Water Rinse
- Foaming Wand Attachment
- Incoming Water Shut-Off
- Durable Stainless Cover
- Included Accessory Kit (metering tips, foot valves, and tubing)

item # 941219



Portable 2 Wheel 20 Gallon Liberty Foamer

The Portable 2-Wheel 20 Gallon Liberty LF Foamer is a "low volume" foam applicator for projecting ready-to-use foaming chemicals on to any surface up close or at distances up to 9 feet. This unit features a stainless steel 2-wheel cart and enclosure and uses a cost-effective 1/4" Flojet air operated, double-diaphragm pump to draw pre-diluted chemical from the 20 gallon tank. It injects compressed air into the solution to greatly increase volume and coverage ability and projects rich, clinging foam through the hose, wand and fan nozzle.

Key Features

- Draws pre-diluted chemical from the 20 gallon tank
- Regulated flow rate by foamer body.
- Covers up to 500 sq ft in 4.5 minutes.
- 33 minutes of foaming time per 20 gallons of solution.

item # 969925-B32



Model 25 Compact Airless Foamer

The Model 25 Compact Airless Foamer is a unique medium volume hose-end foam gun for diluting and applying foaming chemicals to any surface. This unit uses standard city water pressure to draw chemical concentrate from the attached bottle and blend it into the water stream. The accurately diluted solution flows through the foam wand to create a clinging, wet foam which is then projected on to any surface up close or at distances up to 12 feet. Quick disconnect the chemical assembly to rinse.

Key Features

- Creates rich foam.
- Foam confirms complete coverage.
- Can project foam up to 12'.
- Durable.

item # 925025



Pump Up Sprayer Pro 3 Gallon

The 3 Gallon Pump-Up Sprayer Pro is a heavy-duty, portable spray applicator for applying ready-to-use chemicals on to any surface. This professional model features a more durable 6' hose, trigger gun, wand, and fan nozzle compared to your typical pump-up sprayer. Equipped with a compressed air "quick charge" valve to eliminate pumping if compressed air is available.

Key Features

- Just fill the tank with ready-to-use chemical solution, pump it up and spray!
- Use the "quick change" valve to pressurize with an air compressor instead of pumping.
- Heavy duty, easy grip trigger gun with locking latch.
- Wide fan pattern nozzle for fast application.

DILUTION CONTROL EQUIPMENT

item # 7866102-F&A



Sink Mate Plus 2 Product (Flex & Air Gap)

The SinkMate Plus family of dispensers are the industry's most flexible and field serviceable. Available in one or two engine cabinet designs that feature 1/4 turn handles. The cover and internal components all utilize a simple yet effective tool-less design for easy serviceability and adaptability. Tools are only needed to mount the backplate to a wall using the included screws and anchors. The built-in flow regulating technology assures accurate dilutions even with fluctuating water pressures.

Key Features

- Tool-less Components – ¼ turn connections.
- Snap-on Cover
- Intuitive 1/4 turn handles.
- Engines slide into snap-guides.
- Compact footprint
- Both Aire-Gap and Flex-Gap

item # 301B



3 Bay Sink Wall Mounted Push Pump

A wall mounted hand pump. Distributes 1 ounce of a fluid chemical to sinks, bottles, and open containers used to mix chemicals. Constructed with a small polypropylene body for applications where space is limited. This version is equipped with a Hastelloy spring and a Teflon seal.

Key Features

- Polypropylene bodies for chemical resistance.
- Mounts on any vertical or horizontal surface.
- EPDM, silicone, or Viton seals available for virtually any chemistry.
- Discharge chemical through tubing or optional spout.

item # 8600385-01



ProWatch II-510XT (Electric/Battery Dual System)

Pro-Watch is a microprocessor based chemical dispensing system for grease traps, drains, and odor control. This easy-to-use system stores up to 20 dispensing events per day, programmable by day, minutes or seconds. With an addition of the Misting Kit, Pro-Watch becomes an advanced chemical spray system designed to spray deodorizing or sanitizing mist in a variety of applications such as trash compactors, roll-a-way garbage bins and other trash depositories.

Key Features

- Microprocessor Based Controls
- High-impact Thermoplastic, Watertight Case
- LCD Display
- Self Priming
- Wall or Shelf Mounting
- Non-volatile Program Memory
- 115 Volt Transformer or 6 Volt Batteries

item # 976500 & 976530



Timed Entryway MV Foam Sanitizer (3ft & 6 ft)

This device is an automated foam applicator for projecting sanitizing chemicals on to floors of 3-6' wide double doors to prevent cross contamination. When activated, this venturi injection system uses city water pressure (35 -125 PSI) to draw and blend chemical concentrate into the water stream to create an accurately diluted solution. Rich, clinging foam is created by injecting compressed air into the solution to greatly increase volume and coverage ability. The system timer is user-programmable to meet the needs of any facility.

Key Features

- Applies a layer of rich, clinging foam to entryway floors to prevent cross-contamination.
- Designed for 3-6' wide doorways.
- Dilutes chemical concentrate "on-the-fly" from a container near the unit.
- Automatic activation and shutoff for use in moderate to high traffic areas.



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