

ADDITIONAL GOODS

Trisodium Phosphate (TSP)

Commonly used as food additive, cleaning and co-cleaning agent with chlorine bleach. The United States FDA lists sodium phosphates as "generally recognized as safe".

Sodium Bicarbonate

Commonly known as baking soda, bread soda and cooking soda, is very useful in deodorizing, neutralizing, stain removing and as a food additive. It has alkaline properties and dissolves in water and is nonflammable.

Citric Acid

Sunrise offers different grades of citric acid that can be used in a wide range of applications. Citric acid is a natural preservative that exists in many different fruits, vegetables and other products. It can also serve as a pH adjuster, which makes it a great ingredient for personal care products, food coloring, sanitation and many other solutions.

Propylene Glycol

Safe use in a wide range of consumer products and many different applications. SES provides different grades of Propylene Glycol which meets the most strict product quality and handling standards. Propylene glycol has many industrial uses and is classified as a food additive generally recognized as safe by the Food and Drug Administration.

FOOD GRADE LUBRICANTS

BULLS EYE FG - AEROSOL

A non-staining, stable blended formula that deeply penetrates, thus eliminating sticking problems and annoying squeaks. BULL'S EYE will repel water and ice and retard rust and corrosion. Target this lubricant for all of your food processing needs. NSF APPROVED

CHAIN GUARD FG - AEROSOL

Combination of high quality HVI solvent-extracted dual hydrogenated paraffinic and selected synthetic base oils. Fortified with food grade anti wear agents and a tackiness agent to impart maximum anti wear and clinging characteristics. NSF APPROVED

LIGHTNING UNSCENTED FG NSF - BULK LIQUID

A non-staining silicone that eliminates sticking problems and annoying squeaks. Repels water and ice and will retard rust and corrosion. May also be used on rubber, leather, metal, nylon, wood and painted surfaces. NSF APPROVED

MONITORING AND DOSING EQUIPMENT

Proper monitoring and dosing is a vital part of any food production facility. The investigation of foodborne illness outbreaks and the verification of cleaning and sanitation requires the appropriate equipment. Sunrise is happy to provide you with a variety of options to test and dispense your chemical solutions.

ATP Sample Kit

A user-friendly, all-in-one ATP sampling test used with complete luminometer. This pen-sized sample collection device is easy to use, small and environmentally friendly. Proper use also provides better accuracy, longer-lasting signal strength and more reproducible results than traditional test strips.

Proportioners

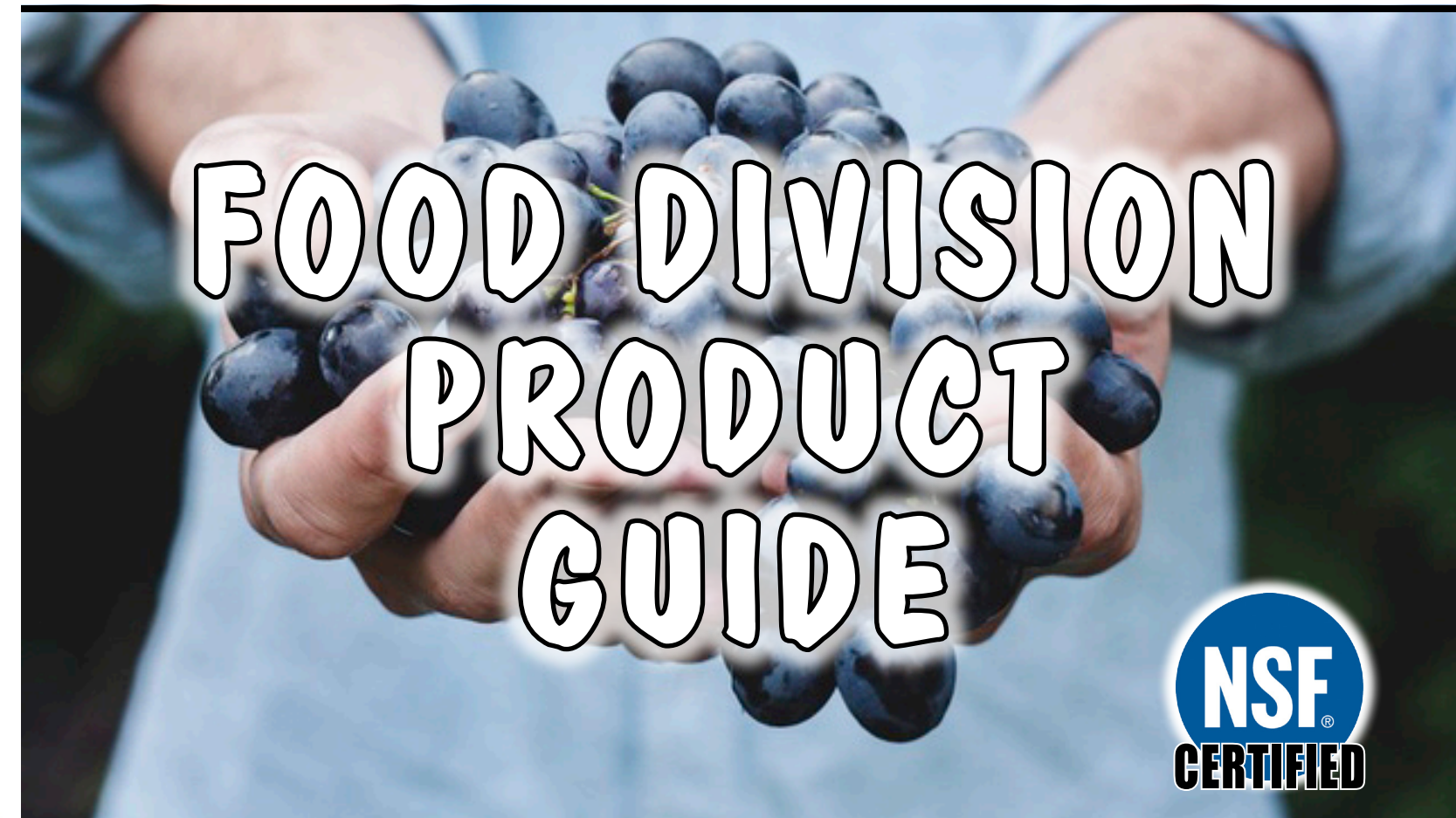
The correct dilution control of cleaners and sanitizers is an essential part every food processing facility. Without a reliable proportioning system many potential problems can occur, including over or under dilution of chemicals. Not enough chemical can lead to possible bacterial outbreaks while too much chemical effects your operational cost.

SUNRISE PRODUCTS FOR YOUR EVERYDAY BUSINESS NEEDS

- JANITORIAL PRODUCTS
- ACID-BASED CLEANERS
- AUTO & FLEET MAINTENANCE
- WATER-BASED CLEANERS
- PRETREATED RAG PRODUCTS
- SOLVENT-BASED CLEANERS
- LUBRICANTS
- PREMIUM HAND CARE & CLEANERS
- ODOR CONTROL
- OUTDOOR & INDUSTRIAL MAINTENANCE

SUNRISE REPRESENTATIVE:

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**The first step to a
cleaner and healthier work environment**

800-648-1153 SUNRISENV.COM

Sunrise Environmental Scientific can help optimize every aspect of your Food Processing Plant from sanitation, wastewater treatment to whatever the challenge may be, we're ready to act. That's why Sunrise's "Total Plant Assurance" delivers measurable improvements in operational efficiency, overall plant sustainability, and food safety and food quality.

SANITIZERS

Perasan A

A top of the line sanitizer for a variety of applications such as: sanitation of both organic and conventional food and beverage plants, RO/UF membrane, foam cleaner, fog adjunct, sulfide oxidation, odor elimination, biofilm control and biocide for cooling water treatment. Perasan A also pairs highly effective antimicrobial properties with a very favorable environmental profile, ideal for food contact surface sanitation, is non-corrosive to stainless steel, and has no harmful disinfection by product.

Perasan MP-2

Specifically formulated for use in ice and water that directly contact meat, poultry and seafood as well as fruits and vegetables. Perasan MP-2 will not cause any discoloration problem in poultry, and it has much less browning effect to delicate fragile produce such as lettuce. Perasan MP-2 can be used in water and ice for ready-to-eat meat and poultry product which exhibit high level of efficacy against Listeria, E. Coli and Salmonella, as well as many other pathogens and spoilage associated microorganisms.

Quat DS

Quat DS is a liquid quaternary blend for use as a disinfectant and sanitizer for all types of hard surfaces in Dairy, Food and Beverage plants. Recommend usage rate of 1-2 ounces per 4 gallons of water (200-400 ppm active) are directed with no requirement of a potable water rinse.

Annihilate

Is a phosphate-free formulation designed to provide effective cleaning, deodorizing, and disinfection for hospitals, nursing homes, hotels, schools, restaurants, and other institutions where housekeeping is of prime importance in controlling cross-contamination from treated surfaces. Authorized by USDA for use in federally inspected meat and poultry processing plants with no rinse. EPA APPROVED.

Bioside HS 15%PAA

Used as an additive in water that contact fruits and vegetables and as an alternative to sodium hypochlorite. Can be used in organic facilities and it is OMRI listed. EPA and FDA approved for additional applications.

Bioside HS 5% PAA

Used as additive in water that contact fruits and vegetables and as an alternative to sodium hypochlorite. Can be used in organic facilities and it is OMRI listed. EPA and FDA approved for additional applications.

Brutab 6s

BRUTABS are an EPA registered disinfectant and sanitizer, bleach alternative in effervescent tablet form. BRUTABS are effective against a broad range of micro-organisms including C. Difficile, spores, Hepatitis B, Norovirus and Canine parvovirus. Single dose tablet delivers accurate strength solution every time, eliminating measure and pour guesswork. EPA APPROVED.

Evapo-Clean

Is designed to sanitize hard nonporous surfaces in food processing plants, retail and food service facilities. Ideal for fast drying application and water sensitive areas. This product can be used on food surfaces such as conveyors, tables, appliances, tools, door handles and other non-porous surfaces.

Iodine

Iodine compound of iodophors are fast-acting and effective against all bacteria at 12.5-25ppm. They are relatively nontoxic, non-irritating to skin and stable. Iodophor solutions may stain porous surfaces and some plastics.

IPA 99%

IPA is bactericidal rather than bacteriostatic against vegetative forms of bacteria; they also are tuberculocidal, fungicidal, and virucidal but do not destroy bacterial spores. Their cidal activity drops sharply when diluted below 50% concentration, and the optimum bactericidal concentration is 60%–90% solutions in water (volume/volume).

IPA 70%

Kills micro-organisms by dissolving plasma membrane of the cell wall. Water is required to denature the proteins of cell membrane and acts as a catalyst in the reaction, also helps increasing the contact time with the surface which increase the effectiveness of IPA.

H2O2 (Hydrogen Peroxide)

New generation aseptic packaging machines require more effective and efficient hydrogen peroxide products engineered specifically for each machine type. SES has a coordinated global approach as part of our sustainability commitment, our emphasis on product high purity leads to continuous improvement in our product line, our customers can increase intervals between cleaning, avoiding unnecessary down-time, reducing costs and increasing productivity at the same time. Our principle is to work in partnership with customers and others to achieve our mutual objectives of safe and effective peroxygen products.

ANTI FOAMING PRODUCTS

Dissipate FG

A fast-acting foam displacement compound for use in food, beverage and dairy plants. The blend of ingredients in this product are designed to reduce the surface tension on bubbles, so that they can no longer support their spherical shape. Use Dissipate FG in automatic wash applications, Mart washers, sewer plants, food processing facilities and wherever foaming creates a problem.

ALKALINE CLEANERS

Assault FG

The ultimate in water based cleaners. With Assault you have the best of both worlds, a powerful cleaner/degreaser without the harsh solvents or caustics and highly concentrated allowing for maximum dilution ratios and money savings. Assault is the ideal grease remover for hard surfaces such as concrete floors, asphalt, pressure washing, packing shed floors, and virtually anywhere grease or grime are a problem. NSF APPROVED.

Attack FG

The ultimate in heavy-duty water soluble caustic degreasers. Attack FG is designed to be used on hard surfaces such as metal, brick and concrete. Attack will dissolve away the heaviest dirt and grease. NSF APPROVED.

Blend Liquid Cleaner HD

Concentrated, liquid alkaline cleaner for use in food, beverage and dairy plants. This product is specially formulated with detergent builders, surfactants, silicates and glycol ethers for rapid cleaning and removal of surface oils. Safe for use on soft metals.

Blend HD Spec Cleaner 350

A Chelated Liquid Caustic Blend designed for the cleaning of Food Processing & Dairy Equipment with heaviest of soil from high-heat Treatment and severe product build-ups.

Blend HD Spec Cleaner 550-KOH

This Potassium Hydroxide blend is a strong alkaline cleaner which is formulated for CIP cleaning, designed especially for a heavy soil load that has build up; it also effective in all water conditions and prevents scale formation in tanks, processing line and equipment .

ACID CLEANERS

AB-73

Designed for the removal of anodic and chromate coatings on aluminum. The solution may be either brushed or sprayed and produces fantastic results.

Acid Blend

Acid Blend is formulated with nitric and phosphoric Acid for excellent cleaning on food, beverage and dairy equipment. Removes milkstone, minerals and water films and will not foam in CIP applications.

Blend LP Acid

Blended nitric acid product containing phosphoric acid to enhance the cleaning ability on food, beverage and dairy equipment. Removes milkstone, minerals and water film and will not foam in CIP applications.

Foaming Acid Red

Heavy duty, self-foaming, acid cleaner formulated for foam, spray, soak, high pressure or manual cleaning applications in the food, dairy and beverage industry. Foaming Acid Red is a foaming product containing both phosphoric acid and citric acid for rapid penetration and removal of organic and mineral type soil.

ACID CLEANERS CONT.

Trail Blazer

Designed as a safe alternative to typical acid based cleaner. Trail Blazer contains no inorganic acids however utilizes a low pH organic salt that is used to replace traditional minerals and acid. Trail Blazer is not regulated by the DOT for transportation as well so costs are kept low. Experience all of the cleaning benefits and safety to the user that this new technology has to offer.

Phosphoric Acid 75%

SES provides different grade of Phosphoric Acid for various application in food processing plant, soft drink and dairy industry.

LOW FOAMING CLEANERS

Blend HD Winery

This non foaming cleaner is a blend of Sodium and Potassium Hydroxide CIP cleaner designed for all wine processing equipment, specially for a heavy soil load where it has build up. It also effective in all water conditions and prevents scale formation in tanks, processing line and equipment .

C.I.P. Cleaner

A non-foaming, chlorinated, alkaline CIP cleaner for use in food, beverage and dairy plants. This product contains sodium hydroxide, sodium hypochlorite and polymers for complete cleaning in all water conditions. Protein soils don't stand a chance against the added bleach even at lower cleaning temperatures.

Klorine 500

Non-foaming chlorinated cleaner specially formulated for line purging in dairy plants, food processing plants, farms and other food industries. Harmless to steel super concentrated and highly dilutable.

HIGH FOAMING CLEANERS

Blend Foam Cleaner (Chlorinated)

Chlorinated foam cleaner is formulated as an alkaline cleaner for use in food, beverage and dairy plants. This product is specially for foam spray, soak, high pressure or manual cleaning.

Blend NC Foam Cleaner (Non-Chlorinated)

Non-chlorinated foam cleaner is formulated as a alkaline cleaner for use in food, beverage and dairy plants. This product is specially formulated for foam spray, soak, high pressure or manual cleaning. Blasts away fat, protein and carbohydrates soils with ease.

Klorine 600

Foaming chlorinated cleaner specially formulated for line purging in dairy plants, food processing plants, farms and other food industries. Harmless to steel super concentrated and highly dilutable.

Nutra Clean

A neutral pH, odorless liquid specially formulated for cleaning all types of surfaces without adversely affecting their finish. Nutra Clean is recognized as a safe choice for spray-on/wipe-off cleaning applications. Recommended for use on any surface.