

# Surgical Instrument Detergent Enzyme Lubricant Cleaners Product Description

The all-in-ONE Surgical Instrument Detergent Enzyme Lubricant Cleaners deliver the four enzymes necessary for removing all forms of proteinaceous bioburden and the surfactant detergents to clean the surface after the enzymes break down the soil.

The all-in-ONE and easy FOAM-it Surgical Instrument Detergent four Enzyme Cleaners are highly concentrated for fast and cost effective cleaning for:

- pre wash soaking,
- hand washing,
- ultrasonic cleaners,
- scope cleaners, and
- automated surgical instrument washers and washer disinfectors.

The highly concentrated all-in-ONE Surgical Instrument Detergent Enzyme Lubricant Cleaners are aggressive against your most difficult cleaning challenge and guaranteed to be safe for: all type of metal, flexible and rigid scopes, stainless steel surgical instruments, tungsten carbide surgical instruments, aluminum, brass, plastic materials, delicate surgery micro surgical instruments, scope washers, ultrasonic cleaners, and surgical instrument washers.

The all-in-ONE Surgical Instrument Detergent Enzyme Lubricant Cleaners:

- significantly reduces the cost of enzymes, detergents, stain removers, and lubricating consumables,
- cut costs for freight and handling (due to high concentration) by an average of 400%,
- improves turnaround times for soaking, hand washing, and automated cleaning,
- decreases the inventory level, the number of products used, and the space expended for storing products,
- improves the overall condition, appearance and performance of surgical instruments and scopes, and
- combines the detergent and enzyme treatment cycles for ultrasonic cleaning, automated washers, and manual cleaning.

The all-in-ONE 4 Surgical Instrument Detergent Enzyme cleaners are:

- non-irritating to the eyes, nose, and throat,
- 100 % biodegradable,
- phosphate free, and
- neutral pH.

When using Surgical Instrument Detergent Enzyme Lubricant Cleaners:

It is important to begin the soaking and/or cleaning surgical instruments as soon as possible after use to prevent blood and other forms of proteinaceous debris from drying on to the surface, This is critical in providing rapid reprocessing throughput and high quality cleaning outcomes. Blood can cause stains that are difficult to remove. Fats dehydrate, incrust and congeal with proteins making them more difficult to remove. All manufacturers of surgical instruments recommend using a Neutral pH enzyme surgical instrument detergent cleaner for soaking and cleaning surgical instruments. The easy-FOAM-it is formulated to overcome these difficulties and render the highest quality reprocessing outcomes.

## The all-in-ONE Surgical Instrument Detergents optimize reprocessing protocols.

The proper Cleaning of Surgical Instruments is critical for optimal: worker safety, surgical instrument care, and the prerequisite for sterilization. The all-in-ONE achieves this by rapidly removing all forms of proteinaceous bioburden, mineral encrustation, and stains, while cleaning and conditioning the surface. The all-in-ONE delivers the highest quality Enzyme Detergent Surgical Instrument Cleaner and Lubricant with Conditioners at the lowest possible cost. The all-in-ONE surgical instrument detergent enzyme cleaner combines all of the ingredients necessary to:

- keep surgical instruments moist,
- prevent bio-burden from drying encrusting onto surgical instruments,
- inhibit bacterial growth,
- breakdown all forms of proteinaceous bioburden,
- clean the surface
- condition the passive layer of surgical stainless steel, and
- lubricate moving parts.



UPS-FS-32 easy FOAM-it Surgical Instrument Detergent 4 Enzyme Lubricant Cleaners, 32 ounce applicators, 12 per case  
Ergo UPS1-1 all-in-ONE Surgical Instrument Detergent 4 Enzyme Lubricant Cleaners, 4 gallons with 1 pump per case  
Ergo UPS1-5 all-in-ONE Surgical Instrument Detergent 4 Enzyme Lubricant Cleaners, 1 ea. 5 gallon jug  
Ergo UPS1-15 all-in-ONE Surgical Instrument Detergent 4 Enzyme Lubricant Cleaners, 1 ea. 15 gallon drum  
Ergo UPS1-30 all-in-ONE Surgical Instrument Detergent 4 Enzyme Lubricant Cleaners, 1 ea. 30 gallon drum  
Ergo UPS1-55 all-in-ONE Surgical Instrument Detergent 4 Enzyme Lubricant Cleaners, 1 ea. 55 gallon drum

Surgical Instrument Detergent Enzyme Lubricant Cleaners will replace products.

The all-in-ONE Cleaner replaces:

- pre-wash and surgical instrument soaking solutions,
- surgical instrument stain removers and surface conditioners,
- surgical instrument and endoscope cleaners,
- enzyme detergent cleaners,
- surgical instrument and endoscope enzyme detergent products,
- ultrasonic surgical instrument detergents and enzyme cleaner,
- washer disinfectant detergents, and
- surgical instrument lubricants.

The all-in-ONE will replace multiple products, speed turnaround times, lower costs, and improve the performance of surgical instruments. The all-in-ONE breaks down all forms of proteinaceous bioburden, cleans the surface, and enhances the passive layer of surgical instruments to prevent corrosion.

**Surgical Instrument Detergent Enzyme Lubricant Cleaners cut costs.**

**Surgical Instrument Detergent Enzyme Lubricant Cleaners clean fast.**

The all-in-ONE Surgical Instrument Detergent Enzyme Lubricant Cleaners deliver the four enzymes that are necessary for removing all forms of proteinaceous bioburden and the surfactant detergents to clean the surface after the enzymes break down the soil.

The all-in-ONE, 4 Enzyme Detergents (Lipase, Amylase, Carbohydrase, and Protease) break down all forms of bioburden and then rinses clean. Enzyme Detergent Cleaners that do not deliver these 4 enzymes cannot remove all forms of proteinaceous bioburden. The all-in-ONE multi-tiered high-level Surgical Instrument Detergent Enzyme Lubricant Cleaner chemical complex includes:

Lipase Enzymes: to breakdown fat to cleave fatty acid residue from the glycerol residue in a neutral fat or a phospholipid.

Amylase Enzymes: to breakdown starch to catalyze the hydrolysis of starch to sugar to produce carbohydrate derivatives.

Carbohydrase Enzymes: to breakdown starch to a lower level to catalyze the hydrolysis of higher carbohydrates to lower forms.

Protease Enzymes: breakdown blood including the proteinases and peptidases, to catalyze the hydrolytic breakdown of proteins.

**Surgical Instrument Detergent Enzyme Lubricant Cleaner is highly concentrated.**

The all-in-ONE delivers an average concentration that is 400% higher than the other enzyme detergent products. One gallon of the Surgical Instrument Detergent Enzymes can deliver 512 gallons (1938 liters) of cleaning power. The dilution rate is .25 to .5 ounces per gallon (1.9 ml liters to 3.8 ml per liter) depending on the level of bioburden, encrustation, and stains. When using the gallon jug dispenser 1 'pump' = .25 ounces, rather than the .5 to 1 ounce per dose of other manufacturers. This .25 ounce, of the all-in-ONE, delivers more cleaning power, a higher level of enzymes and cleaning surfactants, than the standard recommended dilution rates of the other products that use .5 to 1 ounce per gallon.



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Technical Support: 1-509-747-5027, email: [Temple@yourCEBA.com](mailto:Temple@yourCEBA.com)

## The easy FOAM-it Surgical Instrument Detergent Enzyme Lubricant Cleaner

lays down a thick blanket of long lasting FOAM to hydrate and remove all forms of proteinaceous debris, hard water deposits, and encrusted stains, for faster cleaning action. When water is added, the FOAM dissipates, to provide a clear 'free-rinsing' cleaning and conditioning solution. The easy FOAM-it surgical instrument detergent enzyme lubricant cleaner eliminates the safety issues associated with the aerosols created by the spraying of enzyme surgical instrument cleaners within the workplace.

The foam offers 2 important benefits:

- improved safety for healthcare workers and
- the highest quality cleaning outcomes.

The easy FOAM-it Enzyme Surgical Instrument Detergent Lubricant Cleaner delivers a thick layer of highly concentrated enzymes and surface cleaning detergents to digest all forms of proteinaceous bioburden. The foam dissipates when water is added rendering a lightly colored media for safely cleaning surgical instruments underwater. The easy FOAM-it delivers the most effective 4 enzyme detergent surgical instrument cleaner available. The Enzyme FOAM delivers long lasting surgical instruments hydration and immediately begins to remove all forms of proteinaceous bioburden from surgical instruments, as well as removing emulsified and high level lipids (fat), while building the passive layer of surgical stainless steel protection against pitting and corrosion.



**Surgical Instrument Detergent Enzyme Lubricant Cleaners cut costs.**

**Surgical Instrument Detergent Enzyme Lubricant Cleaners clean fast.**

The all-in-ONE , and easy FOAM-it contain a proprietary blend of lubricious chemical surfactant polymers and a 4 component enzyme matrix that work together to clean and protect stainless steel surgical instruments and scopes.

- 1 gallon can deliver 512 gallons of surgical instrument detergent cleaners, conditioners, and lubricant,
- dosage of .25 ounces per gallon of diluent delivers a highly concentrated surgical instrument detergent enzyme cleaner with lubricant,
- 4 enzyme formulation (Protease, Amylase, Lipase, and Carbohydrase enzymes) breaks down all forms of proteinaceous bioburden,
- surfactant chemical complex cleans the surface of surgical instruments,
- surfactants enhance the stainless steel passive layer for extended protection against corrosion and oxidation,
- cleaning agents remove surgical instrument stains and mineral encrustation,
- lubricant ionic bond lubricates moving parts with no visual spotting or film,
- neutral pH of 7 recommended by all surgical instrument manufacturers,
- water softeners treat source water to counter the corrosive effects of hard water,
- free rinsing formula rinses clean for spotless and residue free surgical instruments.

### **Buy Surgical Instrument Detergent Enzyme Lubricant Cleaners packaged as:**

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