



Protect Your Investments.

You've invested in your washers and instruments and you rely on them to perform for you and your facility every day. Don't compromise on their long-term viability. **Prolystica Restore™ Descaler and Neutralizing Detergent** can help restore them from damage caused by repeated exposure to poor quality water, high temperatures, aggressive soils and hundreds of cycles.

PROLYSTICA®
SO MUCH MORE THAN CLEAN™



PROLYSTICA RESTORE

 **STERIS**

RESTORE is Three Products In One

- Descaler/de-stainer
- Passivating Agent
- Neutralizer for alkaline residues

Over time, every instrument and washer feels the effects of water: scale deposits, rust and a decrease in effectiveness. We designed Prolystica Restore Descaler and Neutralizing Detergent to help maintain and restore the passive layer of stainless steel surfaces on your instruments and inside your washers.

Restore removes hard water scale deposits, rust (rouge) and stains. It saves time by eliminating the need to scrub down the washer chamber. Restore can also be used to neutralize high alkaline detergent residue. Best of all, it's phosphate-free and made from biodegradable ingredients. Try using Restore in your washers and on your instruments. You'll notice the difference in improved appearance and renewed functionality.

No Treatment



After Treatment with Prolystica Restore Descaler and Neutralizing Detergent



Scan this code or visit www.steris.com/prolystica to learn more.



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www.steris.com



PROLYSTICA[®]
SO MUCH MORE THAN CLEAN[™]

Get More

The **Prolystica 2X Concentrate** family of chemistries works together or separately to provide effective, concentrated cleaning that's fast and flexible for a variety of uses.

Always have a supply of Prolystica 2X Concentrates on hand with this information. You can order any time at **STERIS.com** or by calling your local STERIS representative.

PROLYSTICA 2X CONCENTRATES

 **STERIS**

Prolystica 2X Concentrate Enzymatic PreSoak and Cleaner



Achieve effective pre-cleaning and cleaning of surgical instruments and medical devices. Balance cleaning performance and speed in a variety of applications from automated washers to manual washing at the sink.

Prolystica 2X Concentrate Neutral Detergent



Includes built-in corrosion inhibitors to protect instruments, while chelating and sequestering agents improve cleaning performance, regardless of water quality and type. Use in any washer — there's need for additional dosing equipment.

Prolystica 2X Concentrate Alkaline Detergent



This alkaline product provides effective cleaning performance regardless of water type. For use in any washer — and without the need for additional dosing equipment — it includes built-in corrosion inhibitors and chelating and sequestering agents to protect your washer and your instruments.

Ordering Information

Prolystica 2X Concentrates

4x1 Gallon		2.5 Gallon	
Enzymatic Presoak/Cleaner	1C3308	Enzymatic Presoak/Cleaner	1C3310
Neutral Detergent	1C3208	Neutral Detergent	1C3210
Alkaline Detergent	1C3408	Alkaline Detergent	1C3410

5 Gallon		15 Gallon	
Enzymatic Presoak/Cleaner	1C3305	Enzymatic Presoak/Cleaner	1C33P3
Neutral Detergent	1C3205	Neutral Detergent	1C32P3
Alkaline Detergent	1C3405	Alkaline Detergent	1C34P3



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Clean More.

Your sterile processing department needs to be efficient and productive. **Prolystica 2X Concentrate Enzymatic Presoak and Cleaner** helps you meet those demands with a flexible, fast-acting product. Bring the power of Prolystica's technology to your cleaning process with our 2X Concentrate Enzymatic Presoak and Cleaner.

PROLYSTICA®
SO MUCH MORE THAN CLEAN™

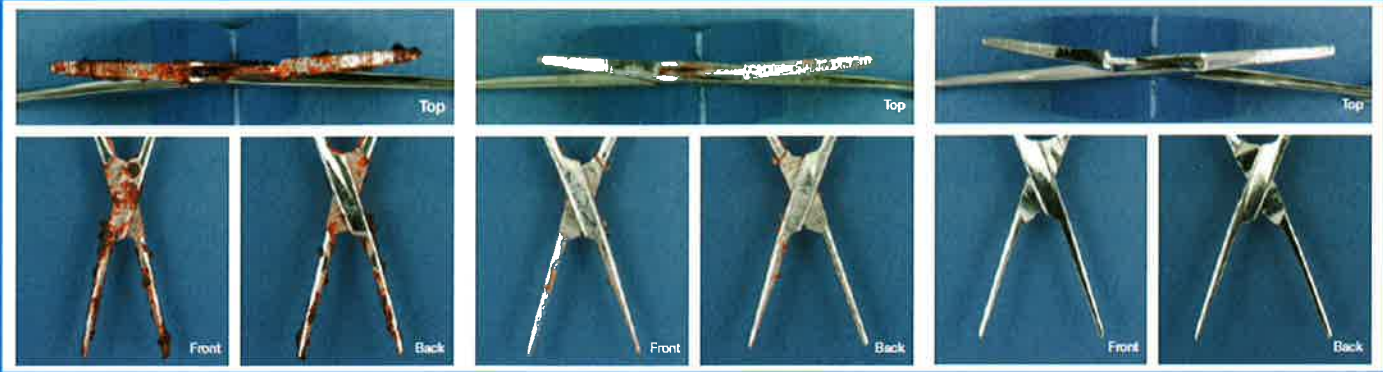


PROLYSTICA 2X CONCENTRATES

 **STERIS**

Agitated Immersion Test

Soil used in test was a combination of blood, bone, fat and tissue to mimic the worst surgical soils.



Before

After: Endozime® AW Triple Plus®
½ oz/gal

After: Prolystica 2X Concentrate
Enzymatic Presoak and Cleaner
½ oz/gal

Tested for 10 minutes at 50° C.

Clean more efficiently

Our 2X Concentrate Enzymatic Presoak and Cleaner uses less chemistry than other non-concentrated products and has a low-foaming formula that rinses away clean so there's no need for multiple rinses. It cleans a wide range of instruments and devices and is tough on mucous, blood and fatty soils.

Clean more effectively

Enhanced cleaning means better removal of your hardest soils – quickly. The Prolystica 2X Concentrate Enzymatic Presoak and Cleaner's fast action provides improved productivity and quicker instrument turn-around for your facility.

Clean more instruments

From manual cleaning to automated washers and sterile processing departments, Prolystica 2X Concentrate Enzymatic Presoak and Cleaner can be used around your facility to help optimize product use and ordering.

Clean more thoughtfully

Prolystica 2X Concentrates are better for the environment. Because they're concentrated, you'll send less cleaning chemistry down the drain, which can reduce the total cost of chemistries per cycle.



Endozime® AW Triple Plus® is a registered trademark of the RUHOF Corporation



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PROLYSTICA®

SO MUCH MORE THAN CLEAN™

Ultra Concentrate for Ultimate Cleaning

Today's healthcare professional is constantly being asked to do more with less. With **Prolystica Ultra Concentrates**, you don't have to sacrifice a single thing to clean your instruments efficiently and safely.

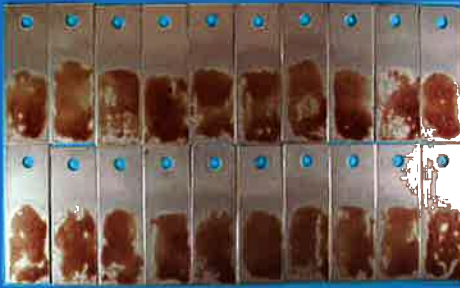


PROLYSTICA ULTRA CONCENTRATES

 **STERIS**

Instrument Cleaning Study

Soil used in test was a combination of blood, egg and fat to mimic the worst surgical soils.



Before



After: Prolystica Ultra Concentrate
Enzymatic Cleaner 1/10 oz per gallon

Prolystica Ultra Concentrate
Neutral Detergent 1/10 oz per gallon



After: Asepti-Solid™ Enzyme
1 ounce per gallon equivalent

Asepti-Solid™ Neutral Detergent
1 ounce per gallon equivalent

Testing performance in a Reliance 444 Washer/Disinfecter. The Asepti-Solid Enzyme lot # P01096A and Asepti-Solid Neutral Detergent lot # P04106A samples were freshly diluted in soft water directly from the solid (no dispensing system was used) and used at the equivalent of 1 oz per gallon.

Protect your patients

Prolystica Ultra Concentrates simply clean better than the competition, for fewer rejected instrument sets and fewer delayed or cancelled procedures. They clean a wide range of plastic and metal instrument substrates and are tough on mucous, blood and fatty soils. Plus, they're effective in all types and qualities of water. Now your instruments can be on time, every time in the OR.

Protect your instruments

Whether your water is purified (deionized) or not; hard or soft, it can be damaging to instrumentation and equipment. Water corrodes metal, causing rusting to occur and impeding instrument function. Prolystica Ultra Concentrate chemistries are specifically formulated to protect your instruments while they clean. Our patented formulas minimize the damaging effects of water while corrosion inhibitors prevent pitting, oxidation and wear for longer instrument life.

Protect your staff

The Prolystica Ultra Concentrate Cleaning System is smaller; lighter; and easier to move, use and store than traditional chemistries. Its low dosing rate combined with our specially designed Acu-Hold wall-mounted rack and AL-2000 chemistry delivery system means less container changeover and less product waste.

Protect the environment

Prolystica Ultra Concentrates are made with biodegradable chemistries and packaged in recyclable containers. Plus, they require dosing rates of only 1/10 to 1/40 of an ounce per gallon of water, so you'll send less cleaning chemistry down the drain and reduce the total cost of chemistries per cycle.

Asepti-Solid™ Enzyme and Asepti-Solid™ Neutral Detergent are registered trademarks of Ecolab Inc.



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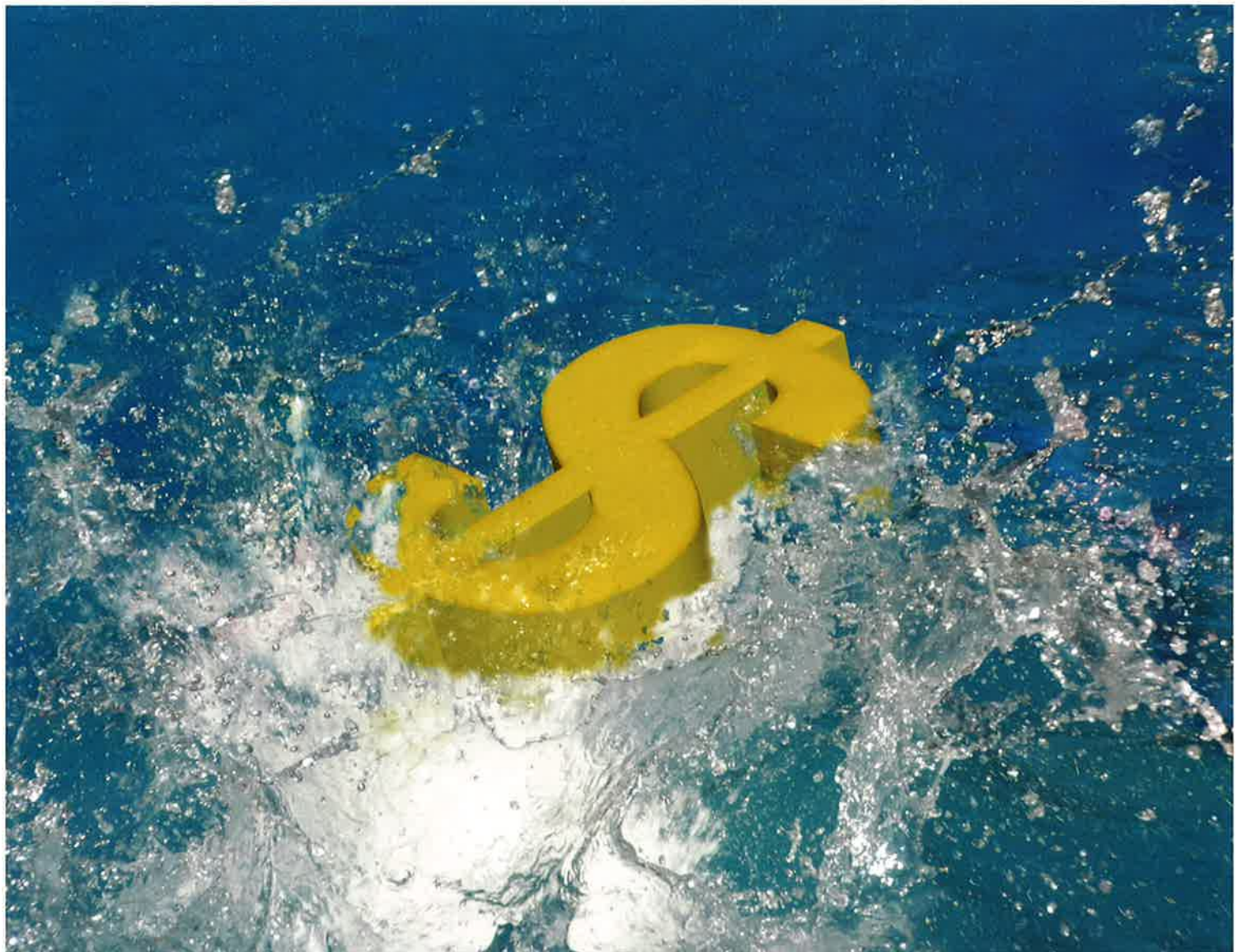
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PROLYSTICA[®]

SO MUCH MORE THAN CLEAN™

Ultra Concentrate for Ultimate Savings

Smart materials management doesn't mean having to settle for less. **The Prolystica Ultra Concentrate System** allows you to use much less product in each cleaning cycle without sacrificing a single aspect of cleaning performance.



PROLYSTICA ULTRA CONCENTRATES

 **STERIS**

Save on instruments



Prolystica Ultra Concentrate chemistries are specifically formulated to protect your instruments. Our patented formulas minimize the damaging effects of water while corrosion inhibitors prevent oxidation and pitting, resulting in longer instrument life. They do all this while providing superior cleaning of a variety of surgical soils across a wide variety of instrument types.

Save on maintenance



Prolystica Ultra Concentrates are also easier on your washers than the leading solid detergent system.* The ultra concentrated formulas can reduce maintenance costs and lead to a longer washer life. The same formula that cleans your instruments helps optimize water pressure and maintain washer arm movement for better washer performance.

Save on utilities



With Prolystica Ultra Concentrates, you'll use less water and run fewer cleaning cycles for shorter periods of time. The low-foaming formulas eliminate the need for second rinses.

Save the planet



Prolystica Ultra Concentrates are chemistries you can feel good about using. Proven biodegradability and recyclable packing, they're a greener choice for your sterile processing department.

Instrument Protection Studies

Comparison after immersion for five weeks. First signs of rust noticeable at 17 hours in cold water and in as little as two hours in hot water.



Deionized water

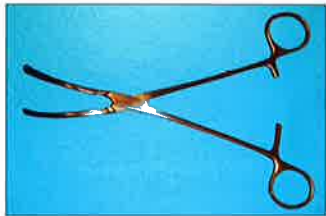


Soft water



Prolystica Ultra Concentrate Neutral Detergent diluted in tap water

Comparison after real application use of competitive high alkaline detergent and acid neutralizer. Restoration of instrument appearance and integrity after only two cycles of automatic washing.

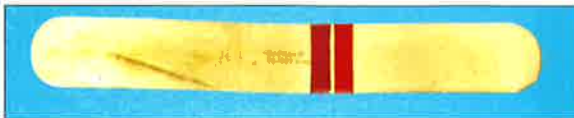


Before



After

Prolystica Ultra Concentrate Enzymatic Cleaner 1/10 oz per gallon
Prolystica Ultra Concentrate Alkaline Detergent 1/10 oz per gallon



*STERIS Technical Data Monographs M3527, M3528 and M3529.



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PROLYSTICA®

SO MUCH MORE THAN CLEAN™

Ultra Concentrate for Ultimate Performance

You've made the smart investment in a superior-quality washer. Don't compromise your instruments and your washer's life by using substandard cleaning chemistries. Get the results you demand with **Prolystica Ultra Concentrates**.



PROLYSTICA ULTRA CONCENTRATES

 **STERIS**

Optimized

Many cleaning products can reduce the pump pressure and spray arm movement within your washer. Since pressure or reduced spray arm movement are the key to impingement, any reduction in pressure means less water is working to physically remove soils from your instruments. This can mean spots or missed soils on your "cleaned" instruments, which can result in instrument reprocessing, decreased productivity and even delayed or cancelled procedures. That's time your organization can't afford to waste.

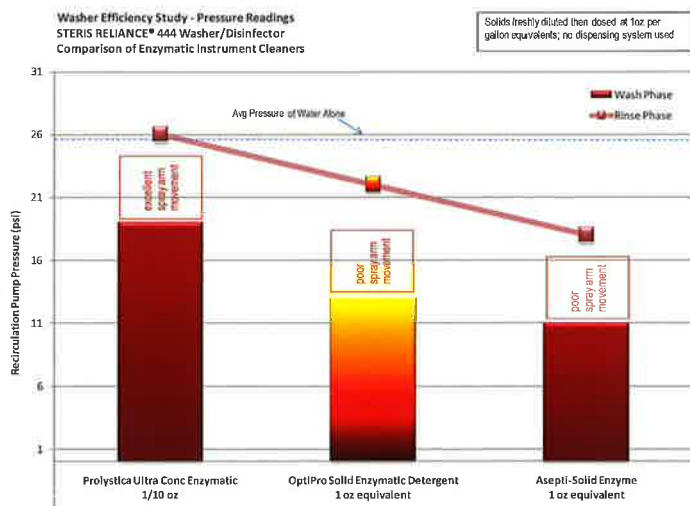
Prolystica Ultra Concentrates are specially formulated to optimize the performance of your automated washers. They are designed to maintain pump pressure to support impingement and reduce strain on your washer. This means more of the mucous, blood and tough fatty soils associated with orthopedic surgeries will be removed from your instruments. Best of all, Prolystica Ultra Concentrates work effectively across a variety of water types.

For ultimate results, use Prolystica Ultra Concentrates in your **STERIS** automated washer. Because STERIS designs and manufactures both washers and cleaning chemistries, our understanding of how they work together results in unparalleled outcomes for you.

Washer Efficiency Study

These results demonstrate how pressure and impingement are negatively affected when certain chemistries are introduced into an automated washer. Reduction in pressure reduces impingement and results in slowing of the washer arms. As you can see, high foam levels also mean a second rinse may be required to effectively remove residues.

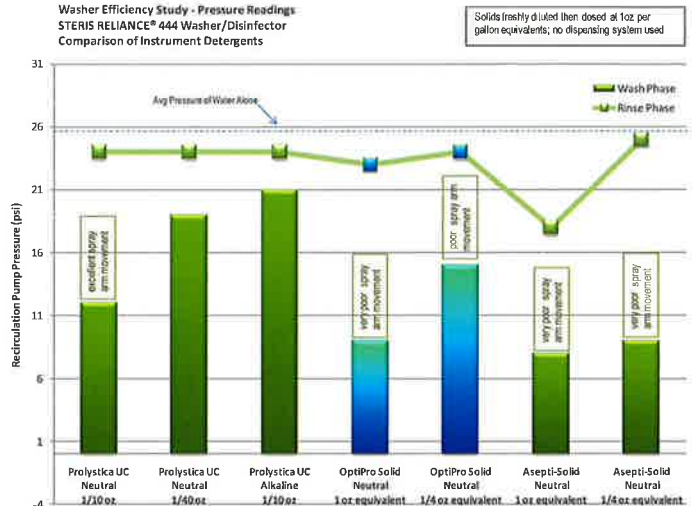
Pressure reading comparison of enzymatic instrument cleaners using **highest** concentration recommendation on the label*



Excellent Spray Arm Movement: No difference in motion from water alone; arm rotation at optimum speed creating high impingement and full cascade on loading doors

Good Spray Arm Movement: Slight impact on arm rotation speed allowing for a more transparent cascade on loading doors, but still providing good impingement

Pressure reading comparison of neutral instrument cleaners using the **lowest** concentration recommended on the label*



Poor Spray Arm Movement: Large impact on arm rotation speed with notably slower rotation creating less impingement; spray across loading doors visible as an individualized spray as arm rotates past versus a continuous cascade

Very Poor Spray Arm Movement: Arm rotation speed reduced by >50% resulting in very low, weak impingement

*STERIS Technical Data Monograph M352B.
OptiPro™ and Asepti-solid™ are registered trademarks of Ecolab Inc.



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Ultra Concentrates for Ultimate Results

The **Prolystica Ultra Concentrate** family of chemistries works together to clean and protect your instruments while helping to protect your staff and the environment. Each one of our patented formulas is made with technology for superior cleaning and protection.

Always have a supply of Prolystica Ultra Concentrates on hand with this information. You can order any time at **STERIS.com** or by calling your local STERIS representative.



Prolystica Ultra Concentrate Enzymatic Cleaner



Achieve superior cleaning performance against blood, mucous and the most challenging fatty soils, with a dual enzyme system that maximizes cleaning performance across a range of instrument types and soils.

Prolystica Ultra Concentrate Neutral Detergent



Includes built-in corrosion inhibitors to protect instruments and prolong washer life, while chelating and sequestering agents protect instrumentation and enhance cleaning performance, regardless of water quality and type.

Prolystica Ultra Concentrate Alkaline Detergent



Includes built-in corrosion inhibitors to protect instruments and prolong washer life, while chelating and sequestering agents protect instrumentation and enhance cleaning performance, regardless of water quality and type. This alkaline product allows for superior cleaning without the need for a neutralizing acid.

Prolystica Ultra Concentrate Lubricant



Extend instrument life and keep instruments operating smoothly. This special formula is non-silicone based, ethylene oxide sterilization is not compromised. The mild formulation won't irritate eyes or skin.

Ordering Information

Prolystica Ultra Concentrates

5L x 2 per case		10L x 1 per case	
Enzymatic Cleaner	1C03T4WR	Enzymatic Cleaner	1C03T6WR
Neutral Detergent	1C07T4WR	Neutral Detergent	1C07T6WR
Alkaline Detergent	1C12T4WR	Alkaline Detergent	1C12T6WR
Lubricant	1C05T4WR	Lubricant	1C05T6WR

5 liters of Prolystica Ultra Concentrate = 50 liters of traditional chemistry

10 liters of Prolystica Ultra Concentrate = 100 liters of traditional chemistry



Scan this code or visit www.steris.com/prolystica
to learn more.

