

FAQs for

ProEZ AW Quad™

Concentrated Quadruple Enzyme Automatic Washer Detergent



What is ProEZ AW Quad?

ProEZ AW Quad is a premium non-foaming neutral pH, multi-enzymatic detergent. Cleaning action is enhanced by a full range of enzymes needed to

dissolve complex soils found on surgical instruments: protease acts on proteins, amylase acts on carbohydrates, lipase acts on fats, and cellulase acts on the indigestible fiber and biofilm in human soils. Enzyme action is enhanced by penetrating agents, chelating agents to improve cleaning action in hard water and a system of anti-corrosive agents.

ProEZ AW Quad is indicated for the most challenging gastrointestinal and orthopedic soils.

How is ProEZ AW Quad different from ProEZ 1™ & ProEZ 2™?

- It is specifically formulated to be non-foaming and suitable for use in high impingement automated instrument washers.
- The premium formula delivers higher concentrations of enzymes supported by a chemical team of penetrating and rinsing agents. Because the components enhance and intensify enzyme cleaning action, the formula is suitable for the most challenging soils and instrumentation.
- It is the ideal solution for standardization because it can be used anywhere in any system.
- The non-foaming formula contributes to safety by allowing instruments to be visualized during manual processing.

What are the recommendations for using ProEZ AW Quad?

- Use in the first or "enzyme" cycle of automated high impingement instrument washers.
- Use in ultrasonic instrument cleaning equipment.
- Use as pre-soak or holding solution to keep soils moist on contaminated surgical instruments and related equipment until further processing can take place.
- Use as a "flush and soak" solution for manual cleaning of all types of immersible endoscopes.
- Use in the cleaning cycle of automated endoscope reprocessors. The no-foam formula protects the pumps and flushing mechanisms in automatic reprocessors. Always refer to the manufacturer's recommendations.
- Use for manual cleaning of all types of immersible surgical instruments and equipment. The no-foam formula offers increased safety by allowing technicians to visualize instruments in the cleaning pan or sink.

What is the ideal dilution when using ProEZ AW Quad?

It is effective starting at a dilution ratio as low as 1/4 ounce per gallon of water. Use the recommendations of automated instrument washer manufacturers as a starting point. Washer sterilizers and European manufactured washers with low water pressure spray arms may require higher percentages of detergent per cycle than high impingement washers with strong spray action. Water quality is also a key factor in determining the appropriate dilution. "Hard" water inhibits cleaning by consuming some of the chemical action of detergents.

Water is rated as "hard" (i.e. higher concentrations of calcium carbonate and other minerals) at 251 ppm or higher. Water rated as "hard" will require higher concentrations of detergents to yield effective results. Water quality information is usually available from the local water department.

What is the recommended temperature range when using ProEZ AW Quad?

- For storage of concentrate: Follow label recommendations. Enzymes are organic. High temperatures during shipping or storage will accelerate breakdown. Avoid storage next to sterilizers, hot water tanks and heating units or any area over 80°F (27°C).
- During use: ProEZ AW Quad may be diluted and used at room temperature, 68°F (20°C), or mixed with warm tap water, 90 - 110°F (32 - 43°C) for optimal results. ProEZ AW Quad works in as little as 1 minute in warm water, making it the fastest acting enzymatic detergent on the market.
- For automated washers in the first or enzyme cycle: Use the correct temperature! Hotter is not always better. Excessively hot water in the first cycle will make protein soils adhere to instruments and will cause enzymes to degrade before completing digestion of soils. 90°F to 110°F (32 - 43°C) is ideal.
- ProEZ AW Quad may be used at temperatures up to 125°F (52°C). If used above that temperature the enzymes begin to degrade with total destruction occurring at 140°F (60°C).

When using ProEZ AW Quad™ for manual cleaning, presoak or holding solution, how often should it be discarded?

It should be discarded after each use.

What happens if ProEZ AW Quad sits out too long?

Enzymes are an organic protein-based material. Once mixed with water, they will slowly begin to spoil just as milk or meat would if left out too long. The solution will begin to smell foul, usually within a day. Enzymes break down as they digest soils. If instruments are highly contaminated, the additional soils and depleted enzymes will both contribute to unpleasant odors.

Will ProEZ AW Quad harm my instruments?

No, it is a pH neutral enzymatic detergent safe to use on all instrumentation including lensed and lumened instrumentation. ProEZ AW Quad also includes an anti-corrosive system to prevent damage to metallic surfaces during the decontamination process. When using this product as a pre-soak or holding solution, it is not recommended to soak metallic items over two hours. If soiled instruments must be held overnight, use ProEZ foam™ ready to use pre-cleaning enzyme detergent spray.

Why are scents added to enzymatic detergents?

There are two reasons: to mask the smell of the enzymes themselves (they have a musky odor); and to mask the smell of organic load (i.e. blood, tissue, GI tract soils) introduced into the solution.

ProEZ AW Quad is not foaming. Is this OK?

Yes, it is formulated to be non-foaming so it can be used in both manual and automated processes such as endoscope reprocessors, ultrasonic units, and automated instrument washers.

Is ProEZ AW Quad suitable for use as an evacuation line cleaner?

Yes! It may be used to flush and clean medical surgical suction units and dental unit evacuation lines. Specific enzymes in the formula digest complex biofilm found inside suction lines and reduce odors. The formula is non-foaming to protect pumps, and is neutral pH, recommended for amalgam separator systems, plastics and acrylics.