

## Spec Clean™ Quad Enzymatic Instrument Detergent

### Description:

Spec Clean quad enzymatic instrument detergent is a four enzyme, non-foaming, neutral pH detergent containing powerful surfactants for use in automatic washers. Protease, amylase, lipase and cellulase enzymes work together with carefully selected surfactants to clean surgical instruments and endoscopes.

- Four enzymes attack the entire range of surgery soils: blood, fats and starches.
- Verified enzyme activity at expanded temperature range from 60°-150°F (16°-65°C).
- Formula delivers the concentration of active agents needed for fast, consistent results. Starts working quickly - in as little as one minute in warm water.

### Intended Use:

Spec Clean is specially formulated for use in high impingement automated washers and washer/sterilizers. It is intended for cleaning medical instruments by dissolving and lifting organic soils in as little as 1 minute. It is specifically designed for cleaning instruments with difficult to access areas such as endoscope channels, box locks and serrated edges.

### Product Specifications

<b>Dilution Ratio</b>	1/2 oz. to 1 oz. per gallon
<b>pH</b>	Neutral
<b>Temperature of Use</b>	Spec Clean has an expanded temperature range. It is effective at room temperature about 68°F (20°C). Use with warmer water at 90-110°F (32-43°C) will optimize the performance of the enzymes. This product may be used in automated cleaning equipment (ultrasonics, AEDs, instrument washers) from 90-150°F (32-65°C) according to equipment manufacturer's instructions
<b>Odor</b>	Fresh
<b>Color</b>	Blue to green
<b>Shelf Life</b>	2 years from date of manufacture



### Effective in multiple applications:

- Presoak and manual sink cleaning
- Ultrasonic instrument cleaning devices
- Manual endoscope cleaning and automated cleaning cycles of AERs
- Clean and deodorize surgical suction units and lines
- Automated washers for enzyme and main cycle

*Premium enzymatic detergent provides the chemistry needed for difficult soils, complex instrumentation and high impingement automated cleaning equipment.*



Description	Case Qty	Order#
1 Gallon	4	PREZAW128-1
1 Gallon Re-Order w/o Pump	4	PREZAWNP128-1
5 Gallon Drum	1	PREZAW050-1

## Four Powerful Cleaning Enzymes:

- Protease, amylase, lipase and cellulase enzymes work together to quickly dissolve protein, starch and fatty soils in as little as one minute.
- Ideal formulation for your toughest cleaning challenges such as orthopedic and gastrointestinal soils.
- Thorough cleaning for complex instrument surfaces including cannulated areas, box locks and serrations.

## Superior Cleaning System:

- Carefully selected surfactants reduce surface tension, improve penetration of cleaning agents and promote free rinsing of dissolved soils.

## Multi-Use Detergent:

- Simplify purchasing and inventory. Standardize on one highly effective formula.
- Ideal for high impingement automated washer/disinfectors and washer/sterilizers.
- No foam formula also indicated for ultrasonic cleaning systems including automated washers for cannulated items.
- Fast, effective cleaning of tough gastrointestinal soils in automated endoscope washers.
- No foam formula improves visibility for increased safety during manual/pan soaking and flushing.

## Cost Effective:

- Spec Clean is highly concentrated with effective dilution starting as low as 1/2 ounce per gallon. Adjust dilution based on soil load and water quality.

## Product Capabilities:

Spec Clean rapidly digests protein, starch and fats, the principle components of surgical soils, and is non-corrosive and safe to use on all instruments.

## It is a convenient 4-in-1 product which may be used:

1. As an instrument holding solution.
2. To clean instruments in manual systems.
3. In ultrasonic cleaners and scope reprocessors.
4. In automatic washers.

The non-foaming solution aids in the visualization of instruments when used in manual systems.

## Use Precautions:

As with other enzymatic detergents, Spec Clean is an eye irritant and mild skin irritant. Wear eye protection and water resistant utility gloves when using the product.

## Availability:

Stocked by MicroCare Medical distributors. Contact MicroCare Medical for a distributor near you or visit [MicroCare.com](http://MicroCare.com)

**MicroCare Medical**  
6120 East 58th Avenue  
Commerce City, CO 80022  
(800) 843-3343



Visit Us:  
[MicroCare.com](http://MicroCare.com)