

# SpecClean™

**INSTRUMENT DETERGENT**

Dual Enzymatic



## Concentrated Dual Enzymatic Detergent

Spec Clean™ Dual Enzymatic is a neutral pH, concentrated liquid detergent with protein (protease) and starch (amylase) digesting enzymes – plus an odor suppressant to neutralize organic or chemical odors carried on instruments.

### Intended Use

Spec Clean Dual Enzymatic is intended for cleaning medical and dental instruments by dissolving and lifting organic soils. It is designed to minimize manual scrubbing of contaminated items. It is especially useful for cleaning instruments with complex surfaces such as box locks and serrated edges; or cleaning complex equipment such as flexible endoscope channels.

### More Effective Than Non-Enzyme Detergents in Hard-To-Reach Areas

- Fast enzyme action starts at room temperature.
- True dual enzymes dissolve hidden fibrin soils in channels and serrations.
- Reduces time and effort for manual scrubbing compared to plain detergents.



Helping improve the health and quality of life for animals.

### Multiple Applications:

- Manual soaking, pans and sinks.
- Most effective cleaning aid for hidden soils in channels and endoscopes.
- Use in ultrasonic cleaning equipment where soak time = more enzyme work time!

## True Dual Enzymatic Formula

- Higher concentration of effective enzymes than most competitors.
- Soil specific protease enzymes dissolve proteins and blood.
- Amylase enzymes dissolve sticky starch and gastrointestinal soils.
- Preservative system keeps enzymes ready for action throughout shelf life.

## Chemical Engineering For More Effective Cleaning

- Gentle, neutral pH formula is compatible with wide range of materials.
- Chelating agents reduce spotting and promote rinsing.
- Anti-corrosive system protects jointed items and box locks.
- Odor suppressants make manual use more pleasant.

## More Chemical Action When Compared to Non-Enzymatic Detergent

Detergents work by reducing surface tension, allowing water and friction to remove soils. Detergents without enzymes must have direct friction with scrubbing. This requires more effort to remove soil.

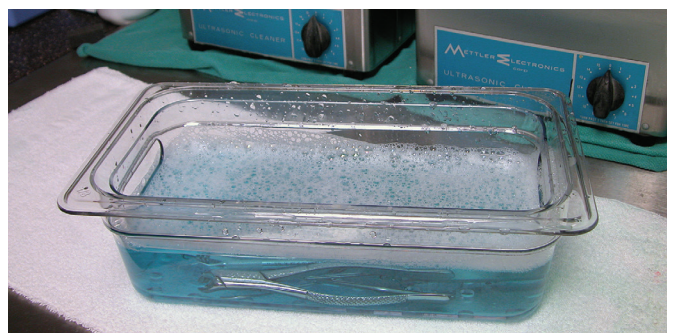
## With Enzymes

Spec Clean Dual Enzymatic works during soaking with “chemical scissors” by cutting long chains of blood proteins and other soils. It is a valuable tool for cleaning small rough surfaces or tubing by boosting PASSIVE cleaning action in hidden areas where blood can stick and hide. This reduces scrubbing and improves safety.

Enzymes are powerful natural cleaners while also gentle, biodegradable and neutral pH. This type of chemistry is more compatible for delicate instrumentation and better for the environment during disposal.

## Product Specifications

|                |                                                                                                                                                                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dilution Ratio | 1/2 - 1 oz. per gallon.<br>For difficult or dried on soils, 2 oz. per gallon                                                                                                                                                                        |
| Soak time      | Allow a minimum of 2 minutes                                                                                                                                                                                                                        |
| pH             | Neutral                                                                                                                                                                                                                                             |
| Temp. of use   | This product is effective at room temperature. Use from 60°F – 90°F (16°C – 32°C) with best activity at 90°F – 120°F (32°C – 49°C). To avoid fixating soils, do not immerse items visibly soiled with blood in cleaning solutions over 120°F (49°C) |
| Odor           | Clean, fresh scent                                                                                                                                                                                                                                  |
| Shelf life     | 2 years from date of manufacture                                                                                                                                                                                                                    |
| Disposal       | Dispose of according to local and national regulations.                                                                                                                                                                                             |



**Spec Clean Dual Enzymatic detergent is gentle, fast and effective when cleaning delicate medical and dental instruments and devices.**

## Convenient Packaging Options

- Gallons available with or without one ounce metered pump.
- Box of 24 unit dose packets makes accurate dosing easy.

## Use Precautions

Spec Clean Dual Enzymatic is an eye and mild skin irritant. Avoid aerosolizing detergent during cleaning and wear eye protection and water resistant non-latex gloves. This product is a low to moderate foaming detergent. It is best used in low spray pressure equipment.

## Availability

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

## Package Sizes

| Size                      | Case Qty | Order #      |
|---------------------------|----------|--------------|
| 1oz. Unit Dose<br>24/ box | 6        | PREZU24-1    |
| 1 Gallon                  | 4        | VPREZNP128-1 |

