



-  **Non-Toxic**
-  **100% Biodegradable**
-  **No Dyes**
-  **100% Water Soluble**
-  **Non-Corrosive**
-  **Low-Foaming**
-  **Rust Inhibitors**
-  **Neutral pH**

# Detergents Catalog







***What if you could experience a safer, more effective cleaning solution that is also gentle on your instruments and equipment?***

Southmedic offers multiple detergent options to clean your surgical instruments that are strong, yet safe, keeping technicians' health and safety top of mind. Our purpose is to provide the safest cleaning detergents for hospital staff, to minimize or eliminate the problems that arise while using hazardous materials, creating a more pleasant work environment, and providing technicians peace of mind knowing they aren't working with carcinogenic chemicals.

Southmedic is the only company that can claim "***Every Ounce is Safe***" focusing on technician safety, being environmentally friendly, all while not compromising cleaning efficacy.



***"This product is very effective and doesn't irritate my bad allergies that other chemistries/products tend to do on those bad days."***  
**- Samantha L., Chicago**

# Why Choose Southmedic Detergents?

## COST

We know that managing a sterile processing department can be challenging, and we're here to help!

**TIME SAVING:** Southmedic Detergents start working right away and only require a soaking time of 1 to 5 minutes, speeding up the cleaning process, and reducing manual labour and strain on your technicians.

**NO VOCs:** Unlike some cleaning solutions that contain 2-Propanol (a VOC) or Isopropanol, which can promote rust, pitting on instruments, and damage plastic, rubber, and aluminum, Southmedic Detergents do not contain isopropanol or contributing VOCs. This ensures the longevity and safety of your instruments and equipment.

Choosing Southmedic detergents means **PROTECTING YOUR VALUABLE EQUIPMENT AND INSTRUMENTS** from the harmful effects of hazardous ingredients found in other cleaning solutions.



## SAFETY

Ensuring the safety and well-being of your cleaning technicians is a top priority! We want to highlight some key reasons why Southmedic Detergents are the safer choice.

**NO SUBTILISIN B.:** Southmedic Detergents are manufactured using high purity Protease enzymes. They are not manufactured using Subtilisin B. that is derived from *Bacillus subtilis*. Enzymes derived from Subtilisin B. are a less expensive option and have been associated with eye and skin sensitization as well as respiratory sensitization and irritation.

**NO TRIETHANOLAMINE:** This strong alkaline substance is found in some other detergents and poses risks for cancer, respiratory/immunotoxicity, organ toxicity, and skin irritation. Southmedic Detergents are free of triethanolamine, making it a safer option for your technicians.

**NO ETHANOLAMINE:** Another harmful ingredient found in some competitive enzymatic cleaners is ethanolamine. It carries risks for cancer, reproductive toxicity, respiratory/immunotoxicity, organ toxicity, neurotoxicity, organ system toxicity, and skin irritation. Southmedic Detergents are formulated without ethanolamine, prioritizing the health and safety of your staff.

**READY TO TRY THE SAFER CHOICE FOR YOUR STAFF?**

## ENVIRONMENTAL

### GET A CLEANER, GREENER SOLUTION!

**NO MATERIAL REACTIVITY, or ODOR:** Southmedic Detergents are formulated without hazardous ingredients. When diluted, they have no odor, perfume, or dye, making them a safer and more pleasant choice for your technicians.

**NO HAZARDOUS INGREDIENTS:** At Southmedic, we prioritize safety and environmental responsibility in every aspect of our product development. Southmedic Detergents is a testament to this commitment, as it is formulated without any ingredients that are considered hazardous by authoritative organizations such as the American Conference of Governmental Industrial Hygienists (ACGIH), WorksafeBC, the Organization for Economic Co-operation and Development (OECD) 301, the Agency for the Regulation of Industrial Chemicals (ARIC), and the Occupational Safety and Health Administration (OSHA).

### **BIODEGRADABLE and ENVIRONMENTALLY FRIENDLY:**

All ingredients are biodegradable, making them an environmentally friendly choice for your department.



## VERSATILITY & EFFECTIVENESS

**VERSATILE CLEANING APPLICATIONS:** Whether you're working with metal, rubber, plastic, or glass (lenses) instruments, Southmedic Detergents are up to the task. The gentle, yet effective formula is safe for cleaning even the most challenging orthopedic instrument sets, offering you a reliable solution for all your cleaning needs.

**SUITABLE for ENDOSCOPES and ULTRASONIC EQUIPMENT:** Southmedic Detergents is not only safe for use with flexible and rigid endoscopes, but it's also compatible with ultrasonic and washer equipment. This compatibility ensures that you can streamline your cleaning processes and maintain a high standard of hygiene across your entire sterile processing department.

**SEQUESTRANTS for ENHANCED CLEANING:** Southmedic Detergents contain sequestrants that bond to organic matter. This process encapsulates the bioburden so that it does not resurface on other instruments enabling instruments to rinse freely without a greasy residue. Sequestrants and rust inhibitors work together to restore instrument luster, free hinges and box locks, and eliminate the need for lubricant additives to washer cycles.

# EcoZyme SPRAY

EcoZyme Spray is designed to break down all bioburden, body fluids and blood on contact, preventing it from drying to instruments before they make their way down to the MDR department.

Our spray is also ideal for flexible or rigid scopes and power tools.



Part ID	Volume	UOM
* 27545-04	4 oz.	72/Box
27545-08	8 oz.	12/Box
27545-16	16 oz.	12/Box
27545-32	32 oz.	6/Box

Our same patented formula as EcoZyme Ultra but in a spray bottle is available in 4, 8, 16, and 32 ounce.

\*New convenient 4 oz. size offered for OR kits and/or single use applications.





# EcoZyme ULTRA

EcoZyme Ultra multi-enzymatic detergent is intended for:

- Manual Cleaning
- Ultrasonics
- Automated Washers

EcoZyme Ultra is an extremely effective multi-enzymatic detergent for cleaning metal, plastic, dental, and veterinarian surgical instrumentation including flexible & rigid endoscopes.

Part ID	Volume	UOM
18560-04	1 gal.	4/Box
18560-2.5	2.5 gal.	2/Box
18560-05	5 gal.	Each
18560-15	15 gal.	Each

Our EcoZyme Ultra detergent contains specific enzymes that quickly and efficiently dissolve soils off instruments. It also contains sequestrants and surfactants that bond to organic matter. This process encapsulates the bioburden so that it does not resurface on other instruments, enabling instruments to rinse freely without a greasy residue. With EcoZyme, you won't have to worry about skin irritation, respiratory issues, or that awful smell that is common among other brands.





# EcoZyme AUTO

EcoZyme Auto is intended for:

- Ultrasonics
- Automated Washers

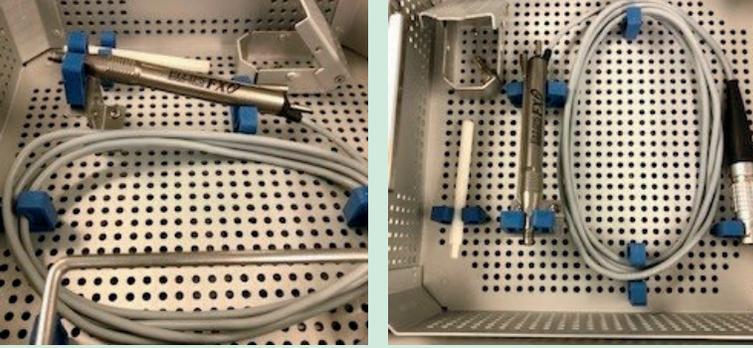
Safe in removing all organic and inorganic soils, blood, protein, fats, lipids, human secretions, carbohydrates, synovial fluids, oils, inks, dyes, pigments and iodine.

Part ID	Volume	UOM
17560-04	1 gal.	4/Box
17560-2.5	2.5 gal.	2/Box
17560-05	5 gal.	Each

EcoZyme Auto is safe on orthopaedic, laparoscopic, neuro, ophthalmic microsurgical instrumentation, rigid and flexible scopes and all surgical instruments.

Safe on all metals, plastics, rubber tubing, and glassware.





# EcoBase

EcoBase Detergent is intended for

- Manual Cleaning
- Ultrasonics
- Automated Washers

A **non-enzymatic** detergent designed for automated processes, such as tunnel washer, ultrasonic washers and cart washers. It is an effective detergent used for the cleaning of metallic, plastic, surgical and dental instruments, including flexible and rigid endoscopes.

Part ID	Volume	UOM
11050-04	1 gal.	4/Box
11050-2.5	2.5 gal.	2/Box
11050-05	5 gal.	Each
11050-15	15 gal.	Each

EcoBase is a neutral pH non-enzymatic detergent ideal for **ophthalmic instrumentation**.





# EcoSonic

## DESCALER

EcoSonic Descaler is intended for

- Manual Cleaning
- Ultrasonics
- Automated Washers

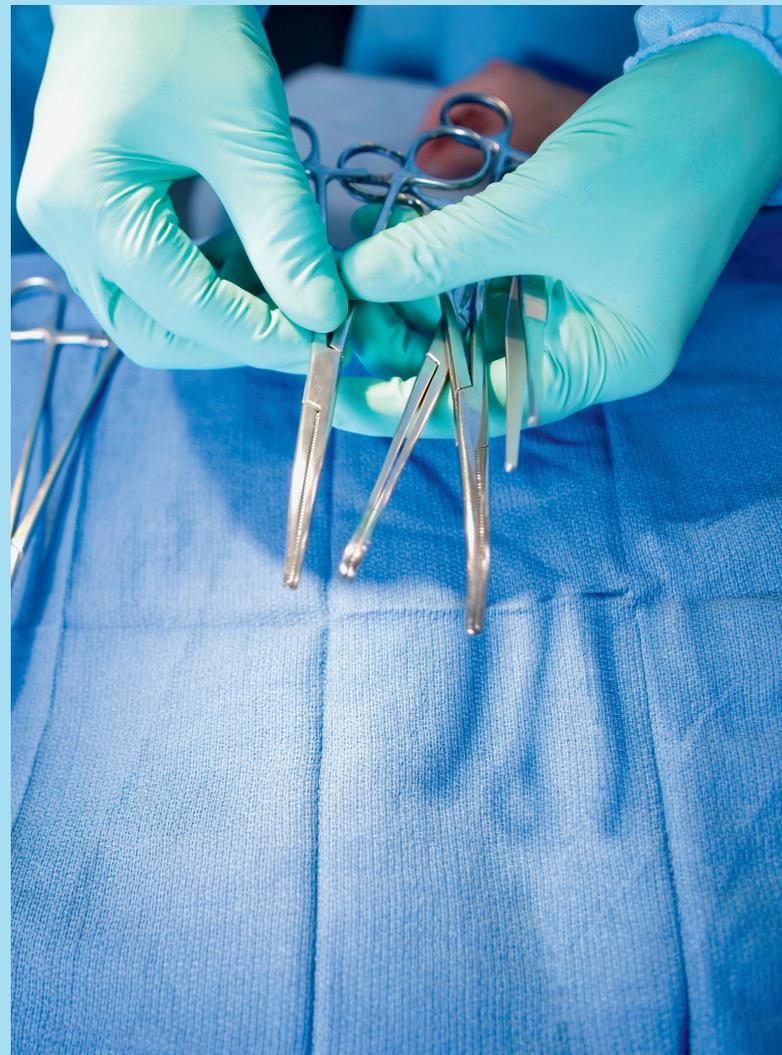
EcoSonic Descaler is an advanced surfactant cleaner formulated to refurbish surgical instrumentation without the use of hazardous ingredients

Part ID	Volume	UOM
43394-04	1 gal.	4/Box

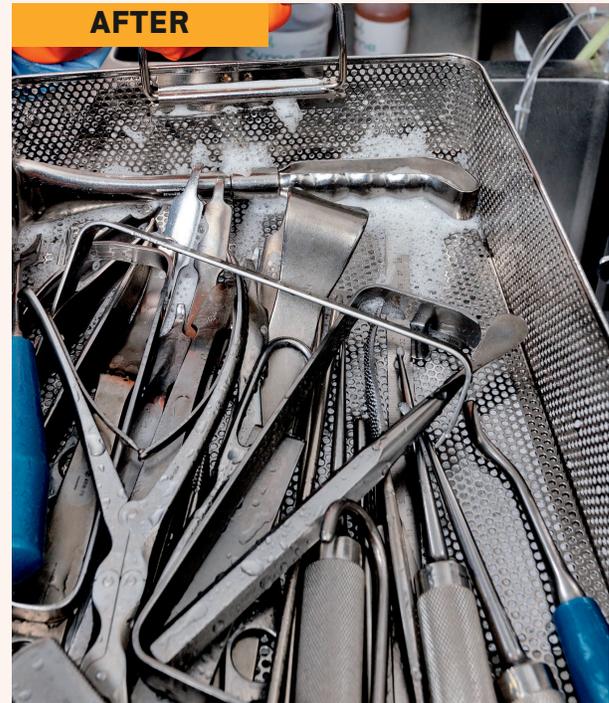
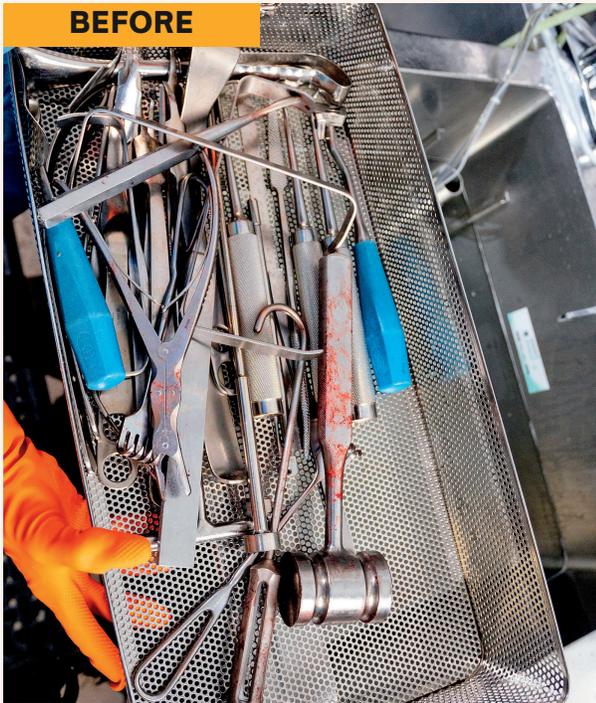
Removes rust, discolouration, bio-burden, mineral deposits, and spotting.

Safe on all metals: stainless steel, titanium, gold plated, anodized, tungsten carbide, and aluminium.

Safe to use on all plastics and rubber. Will react with any exposed copper/brass.



# ***Before & After Instrument Cleaning Results***



***“This product is excellent! It’s better than what we have been using. Bioburden comes right off.”***

***- Ashley B., Florida***



# Southmedic 1983

**Finding a Better Way**