

# MEDIZYME

**PROTEOLYTIC ENZYME CLEANER**  
AUSTRALIAN MEDICAL DEVICE CLASS 1  
ARTG No. 125529

## **BENEFITS:**

- Highly active multi-enzyme formulation ensures superior results
- Ideal for manual or ultrasonic cleaning
- AS/NZS4187 and AS/NZS4815 compliant
- Made under ISO 9001:2008
- Free Rinsing

MEDIZYME is a specialised enzymatic detergent solution that is capable of removing blood and other protein deposits. MEDIZYME rapidly solubilises and disperses blood, body tissue, carbohydrates, mucopolysaccharides, lipids and other proteinaceous soils. When combined with physical cleaning, MEDIZYME provides an effective method for cleaning complex instruments. MEDIZYME is effective in hard and soft water.

Several methods commonly used for cleaning equipment and instruments are manual washing, mechanical washing and the use of ultrasonic cleaners. While these methods are suitable for many items there are still a large number of instruments and complex devices that cannot be either safely or adequately cleaned by these methods.

MEDIZYME acts quickly by penetrating and degrading dried blood and other proteinaceous matter that is difficult to remove by traditional methods of cleaning. The first and often vital step in any process of sterilisation is the removal of organic soils. Meticulous cleaning prior to disinfecting or sterilisation is essential. If blood or other organic matter is not entirely removed prior to disinfection or sterilisation, sterility of the equipment may be compromised. Failure to remove organic soiling prior to disinfection or sterilisation may result in the transmission of infectious organisms.

MEDIZYME, in accordance with AS/NZS4187 and AS/NZS4815 requirements contains no perfume, unlike other enzymatic products available.

MEDIZYME is suitable for use on:

- |                              |                                 |
|------------------------------|---------------------------------|
| • Fibreoptical Equipment*    | • Respiratory-Therapy Equipment |
| • Cardiovascular Instruments | • General Surgical Instruments  |
| • Orthopedic Instruments     | • Telescopic Instruments        |
| • Microsurgical Instruments  | • Dental Equipment              |

\*Check manufacturer's directions and warranties on complex equipment such as fiberoptical equipment before using any "wet" cleaning method.

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**DIRECTIONS FOR USE:**

For Manual Cleaning of Instruments:

1. Where possible, remove excess contaminants by rinsing in cold running water.
2. Dilute 6mL of MEDIZYME per litre of water (30mL per 5 litres). Warm water (25°C+) is preferable to cold water for enzymatic activity. Temperatures over 50°C will inhibit enzymatic action.
3. Soak instruments for 2 minutes and clean. If heavy soiling is present, longer soaking time may be required. (Check manufacturer’s recommendations for fibreoptical equipment before soaking).
4. Remove and rinse with warm tap or distilled water.
5. Discard solution after use.
6. After cleaning and rinsing instruments, equipment can be disinfected or sterilised by appropriate means.

For Ultrasonic Cleaning:

1. Fresh ready to use solution should be made daily. Dilute 6mL MEDIZYME per litre of water (60mL MEDIZYME per 10 Litre tank). MEDIZYME should be added after the tank is filled and before the transducer is activated. Normal cycles should be followed. The solution should be changed when the degree of fouling exceeds the practical limits for the class of work involved (when it is cloudy).  
Caution: Due to the possibility of creating aerosols with Ultrasonic Cleaners it is recommended that lids or other suitable engineering control measures are used while these devices are operating. Micro aerosols may increase allergenicity potential for some individuals.

**CHEMICAL COMPOSITION AND PROPERTIES:**

Colour (Concentrate):.....	Clear Light Brown Liquid
Colour (Dilute solutions):.....	Slightly yellow
Odour:.....	Odourless
pH (Concentrate):.....	8.0-8.5
Solubility:.....	Completely soluble
Rinsibility:.....	Excellent, no residues
Specific Gravity:.....	1.07
Dangerous Goods Rating:.....	Nil
Shelf life:.....	2 Years

**SAFETY DATA:** For information consult the Material Safety Data Sheet.

**PACK SIZE:** 12 x 500mL, 2 x 5 Litre

**ENVIRONMENTAL STATEMENT:**

Whiteley Corporation manufactures products that comply with Australian and International environmental policy. Whiteley Corporation aims to ensure that every product is 100% biodegradable, whilst achieving optimal performance and benefit to customers. All Whiteley Corporation products are supplied in 100% recyclable containers. Whiteley Corporation and its staff are fully committed to ensuring that our Australian environment and those international environs in which our products are used are enhanced by the use of technology, and that these environments are preserved for the enjoyment of future generations.

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