



# Instru-Zyme™

## Instrument Transport Pre-Cleaning Enzyme Gel

A powerful enzyme and detergent formulation designed to assist in the removal of blood, tissue, mucous and other proteinaceous materials.

- Will not stain instruments or equipment made of :
  - Metal    • Glass
  - Plastic    • Rubber
- Non-corrosive
- Biodegradable
- Sustains moisture during transport
- Provides a ready-to-use, neutral pH enzyme solution
- Reduces heavy instrument transport weight as compared to liquid-filled trays
- Minimizes potential exposure due to splashing
- Spray applicator for even coverage of soiled areas
- No rinsing before automated processing



Product Number	Description	Units
IN-1032	32 oz. Spray Bottle	6 bottles per case

## PROPERTIES

Specific Gravity : .....	1.020	Form : .....	Liquid Gel
pH : .....	7.8	Color : .....	Light Blue
Total Solids : .....	35%	Fragrance : .....	Tropical

See page 2 for Material Safety Data Sheet (MSDS).

To order call **1.888.229.2875**

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[www.instru-safe.com](http://www.instru-safe.com)



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# MATERIAL SAFETY DATA SHEET

## Section I

## SUPPLIER INFORMATION

Supplier: Summit Medical  
815 Northwest Parkway, Suite 100  
St. Paul, MN 55121  
Phone: 651-789-3939 | 1-888-229-2875

**Product Name:** Instru-Zyme Gel  
**Product Type:** Enzyme Pre-Cleaner

## Section II

## HAZARDOUS INGREDIENTS INFORMATION

		%	PEL (mg/m3)	TWA (mg/m3)
Dodecylphenoethoxylate	9014-92-0	1-10	N/A	N/A
Proteolytic Enzyme	9014-01-1	0.1-0.5	0.6	0.6

PEL = OSHA 8 Hour Average in Air  
TWA = ACGIH 8 Hour Average in Air

## Section III

## PHYSICAL / CHEMICAL CHARACTERISTICS

**Appearance:** Light Blue Liquid  
**pH:** 7.5-8.5  
**Evaporation rate:** (H<sub>2</sub>O = 1): 1

**Odor:** Mild  
**Boiling Point:** >212° F

**Specific Gravity:** (H<sub>2</sub>O = 1): 1.020  
**Solubility in water:** Complete

## Section IV

## FIRE AND EXPLOSION HAZARD DATA

**Flammable:** 0  
**Health:** 1  
**Reactivity:** 0  
**Special:** N/A

**LEL:** N/A  
**UEL:** N/A  
**Flash Point:** None

**Auto-ignition temperature:** N/A  
**Extinguishing Media:** Carbon Dioxide, Foam, Dry Chemicals  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

## Section V

## REACTIVITY DATA

**Stability:** Product is stable under normal conditions of handling

**Conditions to avoid:** Strong oxidizers. Excessive heat.

## Section VI

## HEALTH HAZARD DATA

### \*\*\* EFFECTS OF OVEREXPOSURE (ACUTE AND/OR CHRONIC) \*\*\*

**Skin and Eyes:** Direct contact may cause irritation.  
**Ingestion:** May cause stomach discomfort.  
**Inhalation:** No adverse reaction expected.

### \*\*\* EMERGENCY FIRST AID PROCEDURES \*\*\*

**Eyes:** Flush with large amounts of cool running water for 15 minutes. Call a physician if irritation persists.  
**Skin:** Flush with large amounts of cool running water. Remove contaminated clothing. Call a physician if irritation persists.  
**Ingestion:** Give a large glass of water. Call a physician.

## Section VII

## PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** None required.

**Eye Protection:** Safety glasses.

**Skin Protection:** Use rubber gloves.  
Wash well after handling.

**Steps To Be Taken If Material Is Spilled Or Released:** Flush small amounts to drain. Contain and collect large amounts and dispose as permitted by all federal, provincial, state and local regulatory authorities.

