

Product Code: **128EME, 5EME, EME2.5**



# MATERIAL SAFETY DATA SHEET

Comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200.

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Enzyclean IV Multiple Enzyme Detergent  
**Product Use:** Enzymatic detergent for medical instruments  
**Manufacturer:** Weiman Products, LLC  
755 Tri-State Parkway  
Gurnee, IL 60031

**Emergency Contact:**  
24-Hour Number: 1-800-535-5053  
International: 1-352-323-3500  
or contact your regional Poison Control.

**MSDS Issue Date:** 08/09/2010

## SECTION 2 – HAZARD IDENTIFICATION

Eye irritant. May cause skin irritation. Mist generated by improper handling may cause sensitization and allergic reaction.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<b>Component</b>	<b>CAS Number</b>	<b>Wt % (optional)</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits Recommended</b>
Protease	9014-01-1	--	N/A	0.06 µg/m <sup>3</sup>	N/A
Alpha-amylase	9000-90-2	--	N/A	N/A	N/A
Lipase	9001-62-1	----	N/D	N/D	N/D
Cellulase	9012-54-8	----	N/D	N/D	N/D

## SECTION 4 – FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If person is having difficulty breathing, give oxygen and call a physician immediately.  
**Eyes:** Rinse with water for at least 15 minutes. If irritation persists, seek medical attention immediately.  
**Skin:** Rinse with water. If irritation persists, seek medical attention.  
**Ingestion:** Rinse mouth and throat with water. Drink a quart of water. Get medical attention immediately.

## SECTION 5 – FIRE FIGHTING MEASURES

**Flash Point (Method Used):** >200°F TCC  
**Flammable Limits:** N/A  
**Autoignition Temperature:** N/A  
**Extinguishing Media:** Foam, dry chemical, water fog, and carbon dioxide.  
**Special Fire Fighting Procedures:** None.  
**Unusual Fire and Explosion Hazards:** None.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Steps to Be Taken in Case Material is Released or Spilled:** Small spills may be flushed to a sanitary sewer with copious amounts of water if in accordance with national and local regulations. Large spills should be picked up with a mop or absorbent material and placed in a suitable container for disposal. The contaminated area should be rinsed with water.

## SECTION 7 – HANDLING AND STORAGE

**Precautionary Information:** Keep out of reach of children.  
**Handling and Storage Conditions:** Keep container closed when not in use. Store in a cool place. Avoid long term exposure to heat. Avoid inappropriate handling that may result in mist generation.

## SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

**Ventilation:** General ventilation normally adequate.  
**Respiratory Protection (Specific Type):** None.  
**Protective Gloves:** Latex, rubber, nitrile, or polyethylene recommended.  
**Eye Protection:** Safety glasses, chemical safety goggles, or face shield recommended.  
**Other Protective Clothing or Equipment:** None.  
**Work/Hygienic Practices:** None.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Color:** Blue **Product State:** Liquid

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**Odor:** Fresh

**Specific Gravity (H<sub>2</sub>O = 1):** 1.10

**Melting Point:** N/A

**Evaporation Rate (Butyl Acetate = 1):** N/A

**pH:** 8.75

**Boiling Point:** N/D

**Vapor Pressure (mm Hg.):** N/D

**Vapor Density (AIR = 1):** N/D

**Solubility in Water:** Complete

**VOC:** N/D

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable.

**Incompatibility (Materials to Avoid):** Strong oxidizing agents.

**Hazardous Decomposition or By-products:** May include and are not limited to oxides of carbon.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Avoid exposure to heat.

## SECTION 11- TOXICOLOGICAL INFORMATION

**Routes of Entry:** Eye contact, skin contact, inhalation, ingestion.

**Effects of Acute Exposure:**

**Inhalation:** None expected under normal use conditions. Improper use resulting in generation of mist may result in sensitization in susceptible individuals. Subsequent exposure may cause allergic reactions in sensitized individuals.

**Eyes:** Contact will cause irritation and/or redness.

**Skin:** Prolonged or repeated contact may cause irritation.

**Ingestion:** Can cause irritation, nausea, and stomach distress.

**Effects of Chronic Exposure:** None known.

**Medical Conditions Generally Aggravated by Exposure:** Dermatitis and other pre-existing skin conditions.

**Carcinogenicity:** NTP: N/A IARC Monographs: N/A OSHA Regulated: N/A

## SECTION 12- ECOLOGICAL INFORMATION

**Environmental Data:** N/A

## SECTION 13- DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with all applicable local, state, and federal regulations.

## SECTION 14- TRANSPORTATION INFORMATION

**DOT Regulations (Ground):** Not regulated

**IATA Regulations (Air):** Not regulated

**IMDG Regulations (Vessel):** Not regulated

**Proper Shipping Name:** N/A

**Hazard Class Number and Description:** N/A

**UN/NA Number:** N/A

**Packaging Group:** N/A

## SECTION 15- REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

This product does not contain an amount of any chemical required to be reported under SARA 313.

**HMIS RATING:** HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0 PROTECTION = B

## SECTION 16 – OTHER INFORMATION

**Additional Information:** Use as directed.

**Note:** N/A or N/D as an information entry means the data is not applicable or determined, respectively.

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