



MATERIAL SAFETY DATA SHEET

Revised/ Reviewed: November 1, 2002

EZ-Zyme Enzymatic Cleaner

All-purpose multiple enzyme cleaner for surgical and dental instruments.

Section 1- Product and Company Information

Manufacturer: Miltex, Inc., 589 Davies Drive, York, PA 17402

Non-Emergency Information: 717-840-9335

Emergencies Information: 800-535-5053 [InfoTrac]

Chemical Name & Synonyms: --

Chemical Formula: --

Section 2 – Composition/ Information on Ingredients

Protease, Esterase Lipase, Esterase, Phosphohydolase, Acid Phosphate, Citric Acid, Poly-alcohols, Preservatives, and Water.

Section 3 - Health Identification

Not considered a health hazard. Dust inhalation may cause sensitization. An allergy to enzyme protein may cause sensitivity reaction. Ingestion may cause mild nausea or diarrhea.

Primary Route(s) of Entry: Inhalation, skin, and ingestion.

Carcinogen: NTP Program- No

IARC Program- No

OSHA Program- No

Medical Conditions Aggravated by Exposure: None known.

Section 4 - First Aid Measures

Eyes: Flush with tepid water for at least 15 minutes.

Skin: Wash affected area with copious of water. Treat as an irritant.

Ingestion: *Do not* induce vomiting. Seek medical attention.

Inhalation: Remove person to fresh air. Seek medical attention.

Section 5 – Fire Fighting Measures

Material is non-flammable.

Section 6 - Physical and Chemical Properties

Physical State: As supplied, a powder (intended to be made into a liquid mixture.)

Appearance and Odor: A brown liquid with a wintergreen aroma.

Melting Point (°C): Not applicable

Specific Gravity (H₂O=1): For liquid mixture, slightly greater than 1

Vapor Pressure (mm Hg): For liquid mixture, approximately the same as water's.

Vapor Density (Air=1): Not applicable.

Evaporation Rate (butyl acetate=1): For liquid mixture, approximately the same as water's.

Solubility in Water: Soluble

pH: For liquid mixture prepared as directed, 5.7-6.2.

Section 7 – Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known.

Incompatibility/ Materials to Avoid: Oxidizing agents

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None known.

Section 8 – Accidental Release, Disposal, and Ecological Information

Spill Response: Flush to sewage or disposal system.

Waste Disposal Method: Dispose of in accordance with all applicable federal, state, and local regulations. Flushing to any disposal system should be possible.

Ecological, General: This material is not expected to be harmful to the environment.

Section 9 – Exposure Controls/ Personal Protection

Eye Protection: Goggles are recommended

Respiratory Protection: None required

Ventilation Recommendations: Normal

Skin Protection: Gloves are recommended

Other: Observe general good housekeeping practices

Section 10 – Storage and Handling

Storage: Keep in a cool, dry place. Avoid temperatures below 32°F and above 160°F. Enzymatic activity may be lost if the material's temperature is outside of this range or if pH exposure is below 2.5 or above 9.5.

Handling: Avoid splashing. Keep out of reach of children

Section 11 – Miscellaneous

Toxicological Information: --

Transportation Information: Not a DOT hazardous material.

Other: --

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