

**SECTION 1 - PRODUCT AND COMPANY INFORMATION**

**Product Name:** PRO ZYME  
**Manufacturer:** PEERLESS QUALITY PRODUCTS, INC.  
 12416 CLOVERDALE, DETROIT, MI 48204  
**Emergency Telephone:** 313-933-7525  
**Preparer's Name:** HENRY P. GREENE  
**Title:** TECHNICAL DIRECTOR  
**Date Prepared:** 1/19/2004  
**Supersedes Date:** 7/12/02

**SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS**

**Chemical Name:** Non-Pathogenic Bacterial Cultures  
**CAS #:** NA  
**% W:** 5%  
**Exposure Limit:** not established  
**Carcinogen:** None

**SECTION 3 - HAZARDS IDENTIFICATION****Emergency Overview**

**Physical**

**Appearance/odor:** White opaque liquid, pleasant odor  
**Warning Statements:** Organisms used are non-pathogenic, but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics

**Primary Routes of Entry**

**Eyes:** Causes irritation  
**Skin:** May cause irritation  
**Inhalation:** Mist of concentrate may cause irritation  
**Ingestion:** May cause nausea, vomiting, diarrhea, irritation

**Medical Conditions** Not available

**Aggravated:**

**SECTION 4 - FIRST AID MEASURES**

**Eyes:** Flush with water for 15 minutes and see physician immediately

**Skin:** Flush with water for 15 minutes, if irritation persists, see physician immediately

**Inhalation:** Remove to fresh air, see physician immediately

**Ingestion:** DO NOT INDUCE VOMITING. Give large amounts of water or milk and see physician immediately

**SECTION 5 - FIRE-FIGHTING MEASURES**

**Flash Point:** >200° F

**Method Used:** PMC

**Flammable Limits:** None Determined LEL: UEL:

**Fire Extinguishing Media:** Water Fog, Alcohol Foam, Dry Chemical, CO<sub>2</sub>

**Fire or Explosion Hazards:** Burning may produce carbon monoxide and/or carbon dioxide.

**Special Fire Fighting Procedures:** Use SCBA and protective clothing. Use full bunker gear where warranted.

**NFPA**

**Health Hazard:** 0

**Flammability:** 0

**Reactivity:** 0

**Special Hazards:**

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Steps to be taken if released or spilled:** Flush down drain to waste treatment sewer. Confine and collect large spills.

**Environmental Impact:** N/A

**Secondary Hazards:** A spill or leak may result in a slippery floor.

**SECTION 7 - HANDLING AND STORAGE**

**Storage Precautions:** Keep from freezing; store between 50-90°F

**Handling Precautions:** Keep lids tightly closed

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT**

**CONTROL MEASURES:** Normal

**Personal Protective Equipment**

**Respiratory:** Not needed under normal conditions of use

**Eyes:** Safety glasses with side shields

**Gloves:** Rubber/PVC

**Special Clothing:** Long sleeved, full clothing

**Other:** None

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Specific Gravity:** (Water = 1) 1.00

**Density:** (Lbs/gal) 8.3

**VOC(Lbs/Gal)**

**THEORETICAL:**

**pH @ Concentrate:** 7.8

**Boiling Point:** 212°F

**Vapor Density (Air=1)** >1

**Vapor Pressure @ \_\_\_\_\_**

**F \_\_\_\_\_ mm Hg psi:** None Determined

**% Solid By Weight:** 0

**Evaporation Rate (Water=1):** 1

**Solubility in water:** 100%

**Viscosity:** <10 cps

**Appearance and Odor:** White opaque liquid, pleasant odor

**Material State:** Liquid

**SECTION 10 - STABILITY AND REACTIVITY**

**Stability:** Stable

**Hazardous Material Release/Normal Processes:** None

**Physical Stresses To Avoid:** None

**Incompatible Materials:** Strong acids, alkalis and /or temperature extremes, may inactivate biological cultures.

**Hazardous Decomposition Products:** Burning may produce carbon monoxide and/or carbon dioxide.

**Hazardous polymerization:** Will not occur

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Health Effects-Hazardous Constituents::** None

**SECTION 12 - ECOLOGICAL INFORMATION**

**Environmental Effects:** Not Available

**SECTION 13 - DISPOSAL MEASURES**

**Waste Disposal Method:** See Local, State and Federal Regulations

**SECTION 14 - TRANSPORTATION INFORMATION**

**DOT Proper Shipping Name:** Compound, Cleaning Liquid

**Shipping classification:** None

**Hazard class:** None

**Identification No:** None

**Packing group:** None

**SECTION 15 - REGULATORY INFORMATION**

**EPCRA (SARA TITLE III) 302 EXTREMELY HAZARDOUS SUBSTANCE. CHEMICALS LISTED: NONE**

**EPCRA (SARA TITLE III) 311/312 CHEMICALS LISTED: NONE**

**EPCRA (SARA TITLE III) 313 CHEMICALS SUBJECT TO REPORTING ARE: NONE**

**CERCLA-requires notification to the National Response Center of release of quantities of Hazardous Substance equal to or greater than the reportable quantities in 40 CFR 302.4 CHEMICALS LISTED ARE: NONE**

**All ingredients of this product are listed on the TSCA Inventory RCRA HAZARDOUS WASTE NO. (40 CFR 261.33): NONE**

**SECTION 16 - OTHER INFORMATION**

**References:** EPA List of Lists

**Recommended Uses:** Enzyme Spotter and Deodorant