

**Section 1**  
**Chemical Product & Company Information**

Emergency Contact: (Spill/Release) (800) 424-9300  
 Information Number: (419) 531-9741  
 Manufactured By:  
     Fresh Products  
     4010 South Avenue  
     Toledo, OH 43615  
 Product Name: **Para-Zyme Products**

**Section 2**  
**Composition/Information on Ingredients**

Paradichlorobenzene C.A.S. # 106-46-7  
 99% OSHA PEL: 75 PPM ACGIH: 10 PPM  
 Other Limits: ACGIH-STEL: 110 PPM  
 Stabilized Bacteria Spore C.A.S. # N/A

**Section 3**  
**Hazards Identifications**

HMIS Codes:  
 Health: 2 Flammability: 2 Reactivity: 0  
 Flash Point: 148 degrees F (Tag closed cup)  
 Flammability Limits: Not Established  
 LEL: Not Established UEL: Not Established

**Section 4**  
**First Aid Measures**

Emergency and First Aid Procedures:  
 Eyes: Remove contact lenses. Flush eyes with water for 15 minutes.  
 Skin: Wash affected area with soap and water  
 Inhalation: Remove to fresh air  
 Ingestion: Rinse mouth, DO NOT induce vomiting. Give plenty of water or milk. Contact a physician.  
 It is advisable to call your local poison control center, so they can advise the patient.

**Section 5**  
**Fire Fighting Measures**

Extinguishing Media: Water spray, carbon dioxide, dry chemical  
 Special Fire Fighting Procedures: Full protective equipment, including pressure demand self-contained breathing apparatus and turnout equipment should be worn by fire fighters and others exposed to combustion by products.  
 Unusual Fire & Explosion Hazards: None known

**Section 6**  
**Accidental Release Measures**

Steps to be taken in case of material release or spill: Scoop up and place in closed container. Allow residue to evaporate.

**Section 7**  
**Handling and Storage**

Precautions to be taken in handling and storing: Store in tightly sealed container, away from heat and flame. Avoid exposure to concentrations in excess of recommended limits.  
 Other Precautions: Do not wear contact lenses when handling paradichlorobenzene. Always practice good housekeeping and hygienic measures. Clean up spills immediately.

**Section 8**  
**Exposure Controls/Personal Protection**

Ventilation: Local Exhaust: Use in well ventilated areas  
 Special: Not Applicable  
 Mechanical: Not Applicable  
 Other: Not Applicable  
 Protective Gloves: None when used as directed  
 Eye Protection: Do not touch eyes with para contaminated hands  
 Other Protective Clothing or Equipment: None  
 Work/Hygienic Practices: Wash with soap and water after coming in contact with product.

**Section 9**  
**Physical and Chemical Properties**

Boiling Point: 345.2 degrees F  
 Vapor Pressure: 0.6 mmHg at 20 degrees C  
 Vapor Density (Air=1): 5.1  
 Specific Gravity (Water=1): 1.245-1.250  
 Melting Point: ~127 degrees F  
 Evaporations Rate: (Butyl Acetate = 1) <1  
 Solubility in water: 0.008% by weight  
 Appearance: Crystalline white solid disc with 'speckled' appearance

**Section 10**  
**Stability and Reactivity**

Stability: Stable  
 Conditions to Avoid: None  
 Incompatible Materials: None known  
 Hazardous Decomposition Products: Oxides of carbon, smoke, soot, hydrogen chloride and phosgene when burned.  
 Hazardous Polymerization: Will not occur

**Section 11**  
**Toxicological Information**

Routes of Entry:  
 Inhalation: Yes Skin: Yes Eyes: No Ingestion: Unlikely  
 Health hazards (acute & chronic): Exposure to concentrations above permissible limits cause depression of the central nervous system.  
 Eyes: May cause irritation  
 Skin: May cause irritation  
 Ingestion: Depression of central nervous system  
 Inhalation: Depression of central nervous system  
 Carcinogenicity: OSHA – N/A; IARC – 2B; NTP – R; ACGIH – A3.  
 Signs & Symptoms of Exposure:  
 Eyes and Skin: Irritation, redness  
 Ingestion/Inhalation: Headaches, dizziness, nausea, feeling of drunkenness and cardiac sensitization maybe experienced by some individuals when exposure exceeds permissible limits.  
 Medical conditions generally aggravated by exposure: None known

**Section 12**  
**Ecological Information**

Not Established

**Section 13**  
**Disposal Considerations**

Waste Disposal Method: Dispose only in accordance with applicable federal, state and local laws and regulations.

**Section 14**  
**Transport Information**

DOT Classifications: Non Hazardous

**Section 15**  
**Regulatory Information**

p-dichlorobenzene is listed on the EPA TSCA.

**Section 16**  
**Other Information**

None Required

**Paradichlorobenzene is subject to the reporting requirement of Section 313 of the emergency planning and community right to know act of 1986 and CFR: (Sara, Title III).**

This compound appears on California's proposition 65 list of chemicals (CodeC) and is listed as a toxic chemical by the state of Florida.

October 17 2007