

**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**

Product Number:

**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: N/A Conditions to Avoid: N/A

**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 5, 2010