

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 1, 2013