

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 Blocks and Crystals

Product Numbers: 12-4, 12-4PS, 24-4, 144-4, 12-3, 12-3PS, 36-3, 144-3,
12-4BB, 12-3.5BB, 6-24, 6-24HU, 12-24, 12-24HU, 36-24, 36-24HU,
6-16, 6-16HU, 12-16, 12-16HU, 36-16, 36-16HU, 24-4MC2, 1-20, 35-C,
12-USPB

Takeo Product No. 220124, 220222, 220223, 220224, 220225
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

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 solid, various colors and fragrances

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

None Required

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.

Date Prepared: February 16, 2003

By: Jeff Smith, Ph.D./Chief Chemist