

Section 1
Chemical Product & Company Information

Emergency Contact: (Spill/Release) (800) 424-9300
Information Number: (800) 989-7487
Manufactured by Krystal:
K-Chem, Inc.
3908 3rd Avenue South
Birmingham, AL 35222
Product Name: Non-Para Bowl Block
Product Numbers: DO65

Section 2
Composition/Information on Ingredients

Sodium Sulfate: C.A.S. # 7757-82-6
OSHA PEL: Not Available ACGIH: Not Available
Other Limits: Not Available
Polyethylene Glycol: C.A.S. # 25322-68-3
OSHA PEL: Not Available ACGIH: Not Available
Other Limits: Not Available
Industrial Soap: C.A.S. # Not Available
OSHA PEL: Not Available ACGIH: Not Available
Other Limits: Not Available
Disodium Monocoppercitrate Dihydrate: C.A.S. # 65330-59-8
Exposure Limit: Not Established
Bacterial Cultures/Spores: C.A.S. # Not Available
OSHA PEL: Not Available ACGIH: Not Available
Other Limits: Not Available
Fragrance: C.A.S. # Not Available
OSHA PEL: Not Available ACGIH: Not Available
Other Limits: Not Available

Section 3
Hazards Identifications

HMS Codes:
Health: 1 Flammability: 0 Reactivity: 0
Flash Point: Not Applicable
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. Contact a physician if irritation persists.
Skin: Wash affected area with soap and water
Ingestion: Induce vomiting. Call a physician.

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: None

Section 7
Handling and Storage

Precautions to be taken in handling and storing: None
Other Precautions: Always practice good housekeeping and hygienic measures.

Section 8
Exposure Controls/Personal Protection

Ventilation: Local Exhaust: Not Applicable
Special: Not Applicable
Mechanical: Not Applicable
Other: Not Applicable
Protective Gloves: None
Eye Protection: None
Other Protective Clothing or Equipment: None
Work/Hygienic Practices: Wash thoroughly with soap and water after coming in contact with product.

Section 9
Physical and Chemical Properties

Boiling Point: Not Applicable
Vapor Pressure: Not Applicable
Vapor Density (Air=1): None
Specific Gravity (Water=1): 1.20
Melting Point: ~140 degrees F
Evaporations Rate: (Butyl Acetate = 1) <1
Solubility in water: Complete
Appearance: Solid disc, various fragrances, with plastic urinal screen

Section 10
Stability and Reactivity

Stability: Stable
Conditions to Avoid: None
Incompatible Materials: None known
Hazardous Decomposition Products: Oxides of carbon when burned.
Hazardous Polymerization: Will not occur

Section 11
Toxicological Information

Routes of Entry:
Inhalation: No Skin: No Eyes: No Ingestion: Yes
Health hazards (acute & chronic): None Known
Eyes: May cause irritation
Skin: May cause irritation
Ingestion: May cause nausea, abdominal pain, diarrhea and vomiting
Carcinogenicity: NTP: Not Listed IARC: Not Listed
OSHA Regulated: Not Listed
Signs & Symptoms of Exposure:
Eyes and Skin: Irritation, redness
Ingestion: Nausea, abdominal pain, diarrhea, vomiting
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

Date Prepared: August 6, 2003
By: Jeff Smith, Ph.D./Chief Chemist

Krystal Para

Material Safety Data Sheet

Section 1

Chemical Product & Company Information

Emergency Contact: (Spill/Release) (800) 424-9300
Information Number: (800) 989-7487

Manufactured by Krystal:

Lagasse Brothers
1525 Kuebel Street
New Orleans, LA 70123

Product Name: **Para Blocks and Crystals**

Product Numbers: 7355, B04, G20, PBS, U03, U04W16, W24

Section 2

Composition/Information on Ingredients

Paradichlorobenzene C.A.S. # 106-46-7
Percent >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: 125 degrees F (Tag closed cup)

Flammability Limits: Not Established

LEL: 2.5 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.

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

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: Inhalation studies indicate

paradichlorobenzene in group C carcinogen category, possible human carcinogen.

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: August 6, 2003

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