

MATERIAL SAFETY DATA SHEET

Effective Date: 2001/02/15

SECTION I - PRODUCT IDENTIFICATION

Product Name: Para Dichlorobenzene Blocks

Product Use: Deodorizer/Air Freshener

WHMIS Class: Class D - Division 2A
Class B - Division 3: Combustible Liquid

T.D.G. Classification: Not Regulated

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	B

Manufacturer Name and Address:
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(216) 361-1230

MSDS Prepared By:
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SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
1,4-Dichlorobenzene	106-46-7	60 - 100	60 mg/m ³ TWA	Not available	500 mg/kg oral, rat

SECTION III - PHYSICAL DATA

Boiling Point (°C): 174

Vapour Pressure (mm Hg): 0.6 @ 20°C

Vapour Density (Air = 1): Not applicable

Solubility in Water: Negligible

Physical State: Solid

Appearance; Odour: White/pink blocks; mothball

Specific Gravity (H₂O = 1): 1.5

% Volatile (Wt %): Not available

Evaporation Rate (Ether = 1): Not applicable

pH (100%): Not applicable

Viscosity: Not applicable

Melting Point (°C): 53

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Combustible liquid by WHMIS criteria.

Flash Point (°C, TCC): 65

LEL: 2.5

UEL: 16.0

Hazardous Combustion Products: May include and are not limited to oxides of carbon, hydrogen chloride, phosgene.

Autoignition Temperature (°C): Not available

Means of Extinction: Dry chemical, alcohol foam, carbon dioxide.

Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.

Incompatible Materials: Oxidizers.

Reactivity, and Under What Conditions: Not available.

Hazardous Decomposition Products: May include and are not limited to oxides of carbon, hydrogen chloride, phosgene when heated to decomposition.

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SECTION VI - TOXICOLOGICAL PROPERTIES

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Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause irritation.

Skin: May cause irritation.

Inhalation: Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

Ingestion: May cause stomach distress, nausea or vomiting.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Irritancy: Hazardous by WHMIS criteria.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Hazardous by WHMIS criteria (contains 1,4-Dichlorobenzene).

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

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SECTION VII- PREVENTATIVE MEASURES

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Gloves: Rubber gloves. Confirm with a reputable supplier first.

Eye Protection: Safety glasses.

Respiratory Protection: Not normally required if good ventilation is maintained. Avoid breathing dusts.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial, and local government requirements prior to disposal.

Storage and Handling Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials. Keep away from heat, open flames or other sources of ignition.

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SECTION VIII - FIRST AID

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Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin: Brush away excess of dry material. Flush with water. Obtain medical attention if irritation persists.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).