

Material Safety Data Sheet

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Name	CAS Number	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Paradichlorobenzene	106-46-7	75 ppm	75 ppm	110 ppm (ACGIH-STEL)	99.75%

*CAS numbers are not available for fragrances since they are proprietary mixtures from suppliers

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	174°C (345.2°F)	Specific Gravity (H ₂ O=1)	1.245 – 1.250
Vapor Pressure (mm Hg.)	0.6	Melting Point	127°F
Vapor Density (AIR=1)	5.1	Evaporation Rate (Butyl Acetate=1)	Unknown
Solubility in Water	.008		
Appearance and Odor	White block, "mothball" odor		

FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	150°F tag closed cup	Extinguishing Media	Water spray – foam – CO ₂ – dry chemical
Flammable Limits		Special Fire Fighting Procedures	Wear protective clothing and NIOSH/MHSA approved self-contained breathing apparatus where exposure to vapors is possible.
LEL	2.5	Unusual Fire and Explosion Hazards	Unknown
UEL	Unknown		

REACTIVITY DATA

Stability	Stable	Hazardous Decomposition or Byproducts	Carbon monoxide, carbon dioxide, smokes, soot,
Conditions to Avoid	Keep away from open flame		hydrogen chloride & phosgene
Incompatibility (Materials to Avoid)	Oxidizing agents, hot aluminum and aluminum alloys	Hazardous Polymerization Conditions to Avoid	Will not occur None

HEALTH HAZARD DATA

Route(s) of Entry

Inhalation Yes
Skin Yes
Ingestion Unlikely

Carcinogenicity

NTP No
IARC Monographs No
OSHA Regulated No

Health Hazards (Acute and Chronic): Inhalation or ingestion of paradichlorobenzene at concentrations well above permissible exposure limits can cause depression of the common nervous system, vapor may cause irritation of skin or eyes and has been known to cause liver damage in rats & rabbits.

Signs and Symptoms of Exposure: Headache, dizziness, eyes, nose & throat irritation, nausea, feeling of drunkenness and cardiac sensitization may be experienced by some individuals where the concentration of paradichlorobenzene is well above the TLV in confined, poorly ventilated areas.

Medical Conditions Aggravated by Exposure: Unknown

Emergency and First Aid Procedures: EYES: Flush with plenty of water for at least 15 minutes. SKIN: Wash affected area with soap & water. INHALED: Remove to fresh air. IF SWALLOWED: Rinse mouth. Do not induce vomiting. Give lots of water or milk. In all cases where pain in an affected area persists, call a physician.

PRECAUTIONS FOR SAFE HANDLING AND USE

In the Event of Material Spill or Release: Scoop up and put in closed container. Keep material out of sewers or open waterways. Allow small amounts to evaporate naturally.

Waste Disposal Method: The material should be burned in an approved incinerator or disposed of in an approved waste dump in accordance with applicable Federal, State & Local regulations.

Precautions to Be Taken in Handling and Storing: Store away from heat and open flames in tightly closed containers. Avoid excessive inhalation and contact with skin and eyes.

Other Precautions: Do not wear contact lenses when handling.

CONTROL MEASURES

Respiratory Protection:	If airborne limits may be exceeded, use NIOSH approved respirator.	Protective Gloves:	None
Ventilation:		Eye Protection:	Do not rub eyes with contaminated hand
Local Exhaust	Use in well ventilated areas	Other Protective Clothing or Equipment	None
Special	N/A	Work/Hygienic Practices	Wash thoroughly with soap and water after coming in contact with product
Mechanical	N/A		
Other	N/A		

DATE REVISED: March, 1992



**Environmentally Responsible
Products For Your Protection**

50 North 41st Avenue
Phoenix, Arizona 85009
(602) 233-0756
1-800-777-4569
FAX (602) 272-4864