

SECTION I NAME

Product	PARA-DICHLOROBENZENE	CHEMREC	Health	2
Chemical Synonyms	1,4-Dichlorobenzene	800-424-9300	File	2
Formula	C ₆ H ₄ Cl ₂	Day 716-225-6177	Reactivity	0
Unit(s) Size	500 grams, 1 kg, 2.5 kg.	Neg 716-334-4222		
C.A.S. No.	106-46-7	NFPA HAZARD RATING		
		0 1 2 3 4		

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Component(s)	%	TLV Units
para-Dichlorobenzene	100%	See Section V

CAUTION! HARMFUL IF INHALED OR SWALLOWED-CAUSES SKIN AND EYE IRRITATION-CONSUMPTIBLE.

SECTION III PHYSICAL DATA

Melting Point (°F)	53.5°C (127°F)	Specific Gravity (H ₂ O = 1)	1.248 @ 55°C
Boiling Point (°F)	174.12°C (345.2°F)	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	0.4 @ 25°C (77°F)	Evaporation Rate	Less than 1
Vapor Density (Air = 1)	5.07		
Solubility in Water	Insoluble (0.0101 grams per 100 ml water at 40°C).		
Appearance and Odor	White crystalline solid having penetrating but pleasant aromatic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	64°C (148°F) TCC	Flammable Limits (Vol %)	Lower: 1.0 Upper: 10.0
Extinguisher Media	Water spray; dry chemical (ABC); foam or carbon dioxide.		

SPECIAL FIREFIGHTING PROCEDURES

Moderate fire hazard when exposed to heat or flame. Firefighters must wear a NIOSH/MSHA-approved, self-contained pressure-demand breathing apparatus for possible exposure to hydrogen chloride and possible traces of phosgene.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Burns slowly with a smoky flame but not considered a hazardous material from a flammability standpoint. Temperatures above 700°C (1300°F), p-dichlorobenzene will decompose to give off toxic and corrosive gases; can react vigorously with oxidizing materials.

Received
15 16 17 18 19 20 21 22 23 24 25 26 27 28
SCIENTIFIC
1016805 HICKORY LANE MANSFIELD OHIO 44905
MSDS NO. Effective Date

SECTION V HEALTH HAZARD DATA

Threshold Limited Value

Effects of Overexposure

Emergency and First Aid Procedures

IMMEDIATE: Move to fresh air. Eliminate further exposure. Artificial respiration, if necessary. No artificial respiration. If swallowed, give one or two glasses of water to drink. Induce vomiting and call physician. EYES: In case of contact, flush eyes thoroughly with water. If irritation develops or persists, get medical attention. SKIN: Flush with water, then wash with soap and water.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	Direct flame contact. Excessive temperature and heat.

Incompatibility (Materials to avoid)

Hazardous Decomposition Products

Hazardous Polymerization

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

SECTION VIII SPECIAL PROTECTION INFORMATION

Discharge, treatment, or disposal may be subject to federal, state, or local laws.

Ventilation

Protective Gloves

Eye Protection

SECTION IX SPECIAL PRECAUTIONS

Other Precautions

Rev. No. 1 Date 11/2/87 Approved [Signature] Chemical Safety [Signature]