

para-Dibromobenzene Safety Data Sheet (SDS)

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

para-Dibromobenzene

Signal Word
WARNING

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

Chemtrec Emergency Phone Number: (800) 424-10550

Pictograms

SECTION 2 — HAZARDS IDENTIFICATION

Hazard Class: Skin irritation (Category 2). Causes skin irritation (H315). Eye irritation (Category 2A). Causes serious eye irritation (H319).



Hazard Class: Specific target organ toxicity, single exposure; respiratory tract irritation (Category 3). May cause respiratory irritation (H335).

SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
para-Dibromobenzene	106-37-6	C ₆ H ₄ Br ₂	235.9	
Synonyms: 1,4-Dibromobenzene				

SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell (P312).

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so.

Continue rinsing (P305+P351+P338). **If eye irritation persists eyes:** Get medical advice or attention (P337+P313).

If skin irritation occurs: Get medical advice or attention (P332+P313). Take off contaminated clothing and wash before reuse (P362).

SECTION 5 — FIRE FIGHTING MEASURES

When heated to decomposition, may emit toxic fumes of carbon oxides and hydrogen bromide gas.

NFPA Code

H-2

F-1

R-0

In case of fire: Use a tri-class dry chemical fire extinguisher (P370+P378).

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid skin and eye exposure. Avoid dust formation. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Place spilled solid in sealed bag or appropriate waste disposal container. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Organic #4. Store with ethers, ketones, and halogenated hydrocarbons. Keep container tightly closed. Keep only in original container (P234).

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves (P280). Wash thoroughly after handling (P264). Do not eat, drink, or smoke when using this product (P270).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Light yellow plates	Melting point: 87.3 °C
Soluble: ethanol, benzene, diethyl ether, acetone, and carbon disulfide.	Boiling point: 222 °C
Insoluble in water.	Specific gravity: 2.261
	Refractive index: 1.5742

SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with strong oxidizers and open flame. May emit carbon oxide and hydrogen bromide gas when heated to decomposition.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: may cause irritation if in contact with skin or eyes. May cause respiratory irritation.	ORL-RAT LD ₅₀ : 3,120 mg/kg
Chronic effects: Prolonged exposure may cause kidney or liver harm.	IHL-RAT LC ₅₀ : N.A.
Target organs: skin, kidney, and liver.	SKN-RBT LD ₅₀ : N.A.

SECTION 12 — ECOLOGICAL INFORMATION

No Data Available

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding.
Flinn Suggested Disposal Method #4b is one option.

SECTION 14 — TRANSPORT INFORMATION

DOT: Not a dangerous good.

SECTION 15 — REGULATORY INFORMATION

Not Listed

SECTION 16 — OTHER INFORMATION

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STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

N.A. = Not available, not all health aspects of this substance have been fully investigated.

N/A = Not applicable

Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.

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