

WESTERN RESERVE CHEMICAL

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MATERIAL SAFETY DATA SHEET

6PPD

CAS #

793-24-8

1. Product Identifications

Product Name: 6PPD
Chemical Name: N-(1,3 dimethylbutyl)-N¹-phenyl-p-phenylenediamine
Formula: C₁₈H₂₄N₂

2. Physical Description/Properties

Specific Gravity: 1.0
Melting Point (C° Min): 44
Bulk Density (g/cm³): NA
PH Value: NA
Appearance: Purple to Dark Brown Pellets
Odor: Aromatic/Amine
Solubility: Soluble in benzene, methylbenzene, acetone and ethanol- insoluble in water.
Volatiles % <0.5
Ash % <0.3

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3. Hazard Information

Combustible dust

Keep away from heat, sparks and flame.

Eye irritant-Can cause redness, tearing and swelling.

Skin contact may cause allergic reaction.

Inhalation may cause upper respiratory irritation.

Ingestion of large quantities may cause illness with single ingestion.

4. First Aid Information

Skin: Remove contaminated clothing and wash before re-use. Immediately wash contaminated skin with running water.

Ingestion: Immediately rinse mouth with water. Induce vomiting only at the instruction of a physician. Seek immediate medical attention if swallowed.

Eyes: Flush with water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove person to fresh air. Get immediate medical attention if breathing is difficult or short.

5. Handling and Storage

Storage: Store in a dry well-ventilated area avoiding direct exposure to sunlight

Stability in storage: one year

6. Employee Protection Recommendations

The employee should wear protective clothes and avoid direct physical contact with the product.

Eye Protection: Wear chemical safety glasses or goggles

Hand Protective Requirements: Wear protective gloves.

Skin Protective Requirements: Wear overalls.

Ventilation: Local exhaust

7. Toxicological Information

Low toxicity

LD50 acute oral for rats: 3570mg/kg

LD50 acute skin for rats: >7940mg/kg

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8. Fire and Explosion Data

Flash point:	Not available
Exposure standard limits:	Not available
Flammable	
Extinguish Media:	Spray water, Carbon Dioxide, foam, sand or dry chemical.

9. Reactivity

Chemical stability: Stable when stored in original container protected from heat and moisture.

Hazardous Polymerization: Does not occur.

Materials to avoid: Strong oxidizers, acids, alkalis and nitrosating agents.

Hazardous products of decomposition: Carbon monoxide and oxides of nitrogen.

10. Accidental Release and Disposal

Spills: Sweep and place in closable container. Avoid generation of dust. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Bury waste and empty containers in licensed landfill in adherence to federal, state and local regulations.

11. Transportation Information

DOT Status	Not regulated
DOT shipping name	None
DOT reportable qty. (lbs)	None
ICAO/IATA Status	Not regulated
Proper shipping name	None
UN/NA number	None
IMDG Status	Not regulated
TDG Canada	Not regulated

12. Regulatory Information

Worldwide Inventory Status	
TSCA (USA):	Listed
Canadian DSL:	Listed
Canadian NDSL:	N/A
EINECS/ELINCS (Europe):	Listed
Japanese Inventory (ENCS):	Listed
Korean Chemical Inventory (ECL):	Listed
Australian Chemical Inventories (AICS):	Listed
New Zealand (NZ):	Listed
Philippines (PICCS) Inventory:	Listed
China (CLECS):	Listed
US Regulatory Rules	
SARA Section 302:	None Found
SARA 311/312 Hazard Categories:	Immediate
SARA 313 Chemical:	None
RCRA Status:	Not a RCRA waste
Other Regulations:	
California Proposition 65:	None
New Jersey Right-to-Know List:	N/A
Pennsylvania Right-to-Know List:	N/A
Florida Right-to-Know:	N/A
Minnesota Right-to-Know:	N/A
MA Right-to-Know Law:	N/A
FDA Status 21 CFR:	Not Regulated

13. Other Information

FDA status 21 CFR Not Regulated for use under 21CFR

HMIS Classification Health 1 Flammability 1 Reactivity 0

Important Note: The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.