

# WESTERN RESERVE CHEMICAL

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## MATERIAL SAFETY DATA SHEET

### WESTCO DPPD

CAS #

**74-31-7**

#### 1. Product Identifications

Product Name: Westco DPPD  
Chemical Name: N,N'-Diphenyl-p-Phenylenediamine  
Formula:  $C_{18}H_{16}N_2$

#### 2. Physical Description/Properties

Melting Point (C°Min): 125  
Density (g/cm<sup>3</sup>): 1.21  
PH Value: NA  
Appearance: Gray to brown powder  
Solubility: Partially soluble in organic solvents  
Insoluble in water.  
Volatiles % <0.5  
Ash% <0.4

### **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 can cause damage to the liver and kidneys.

### **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.
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: >5,000mg/kg

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### **8. Fire and Explosion Data**

Flash point:	450°F
Exposure standard limits:	Not available
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 and basis.

Hazardous products of decomposition: Oxides of nitrogen and carbon.

### **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**

TSCA (USA):	All components are listed.
Canadian DSL:	All components are listed.
Canadian NDSL:	Not Applicable. Listed on the DSL.
EINECS/ELINCS (Europe):	All components are listed.

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US Regulatory Rules	
SARA Section 302:	None found
SARA 311/312 Hazard Categories:	Immediate Health Hazard
SARA 313 Chemical:	NONE
Other Regulations:	
California Proposition 65:	NONE
New Jersey Right-to-Know List:	N,N'-Diphenyl-p-phenylenediamine.
Pennsylvania Right-to-Know List:	Not Applicable.
Florida Right-to-Know List:	Not Applicable.
Minnesota Right-to-Know List:	Not Applicable.
MA Right-to-Know List:	Not Applicable.
FDA Status 21 CFR:	Regulated for Use under the following sections of 21 CFR: 177.2600 Rubber Articles intended for Repeated Use not to exceed 5% by weight.

### **13. Other Information**

HMIS Classification Health 2 Flammability 3 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.

6/06