

# WESTERN RESERVE CHEMICAL

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## MATERIAL SAFETY DATA SHEET

### WESTCO AO 316

CAS # 1817-68-1

#### 1. Product Identifications

Product Names: AO-316  
Chemical Name: Phenol, 4methyl-2,6-bis (1 phenylethyl)

#### 2. Physical Description/Properties

Specific Gravity: 1.08  
PH Value: 6-8  
Appearance: Yellow liquid  
Odor: Slight  
Solubility: Soluble in acetone, ethylalcohol and gasoline.  
Insoluble in water.  
Freezing Point: Approx. 40°F  
Vapor Density: Heavier than air

#### 3. Hazard Information

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.  
Primary routes of entry: skin absorption, inhalation and eye contact.

**4. First Aid Information**

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

Ingestion: Immediately rinse mouth with water. Induce vomiting only at the instruction of a physician. Seek medical advice.

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 and sources of ignition. Avoid prolonged and repeated skin contact.

Stability in storage: two years

**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 chemical resistant gloves, such as neoprene or nitrile.

Skin Protective Requirements: Wear overalls.

Ventilation: Local exhaust

**7. Toxicological Information**

Low toxicity

LD50 acute oral for rats: > 4,300 mg/kg

LD50 acute skin for rabbits: not established

**8. Fire and Explosion Data**

Flash point: Approx. 325°F  
Exposure standard limits: Not available  
Flammable  
Extinguish Media: Carbon Dioxide, foam, sand or dry chemical.  
This product gives off ignitable vapors heavier than air and may collect in low-lying areas. Vapors may travel long distances to ignition sources where they may ignite and flash back. Poisonous gases are produced in a fire involving this material.

**9. Reactivity**

Chemical stability: Stable when stored in original container under normal storage conditions.  
Hazardous Polymerization: Does not occur.  
Materials to avoid: Strong oxidizers and acids.  
Hazardous products of decomposition: Carbon monoxide, carbon dioxide and phenolic type compounds.

**10. Accidental Release and Disposal**

Spills: Cover spill with absorbent material and sweep up and place in appropriate containers. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Dispose of empty containers in licensed landfill in adherence to federal, state and local regulations. Recycle drums, if possible

**11. Transportation Information**

DOT Status	Not regulated
ICAO/IATA Status	Not regulated
Proper shipping name	Styrenated p-cresol
UN/NA number	Not applicable
IMDG Status	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 Health Hazard
SARA 313 Chemical:	None

Other Regulations:

California Proposition 65:	None
New Jersey Right-to-Know List:	Styrenated p-cresol
Pennsylvania Right-to-Know List:	None
Florida Right-to-Know:	N/A
Minnesota Right-to-Know:	N/A
MA Right-to-Know Law:	None

**13. Other Information**

HMIS Classification Health 2 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.