



# Safety Data Sheet

## Product Identifier

### SECTION 1. IDENTIFICATION

**Product Identifier:** Phenylephrine Hydrochloride Injection 1%, USP

**Other Means of Identification:** Code L0010080, DIN 02238400.

**Recommended Use:** N/A

**Restrictions on Use:** N/A

**Initial Supplier Identifier:** Omega Laboratories, Ltd.  
11 177 Hamon St.  
Montreal, Canada H3M 3E4

**Emergency Telephone Number:** (514) 335-0310

### SECTION 2. HAZARD IDENTIFICATION

**Classification:** N/A

**Label Elements:** N/A

**Other Hazards:** N/A

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Phenylephrine HCl	61-76-7	1.0%	N/A	N/A
Sodium Metabisulfite	7681-57-4	0.2%	N/A	N/A
Sodium Citrate	6132-04-3	0.4%	N/A	N/A
Citric Acid	5949-29-1	0.1%	N/A	N/A
Water for injection	7732-18-5	q.s.	N/A	N/A

**Notes**

### SECTION 4. FIRST-AID MEASURES

**Inhalation:** N/A

**Skin Contact:** Remove contaminated clothing and rinse the area with large amounts of water for at least 15 minutes. If redness or irritation occurs, seek medical attention.

**Eye Contact:** Flush with copious amounts of water for at least 15 minutes.

**Ingestion:** Rinse mouth with water.

**Most Important Symptoms and Effects, Acute and Delayed:** N/A

**Immediate Medical Attention and Special Treatment:** N/A



## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Any medium suitable for surrounding materials.

**Unsuitable Extinguishing Media:** N/A

**Specific Hazards Arising from the Product:** May emit small amounts of toxic gases.

**Special Protective Equipment and Precautions for Fire-Fighters:** None.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Use impervious gloves (latex, nitrile or rubber) and safety glasses recommended where splashing or squirting may occur.

**Methods for Containment and Cleaning Up:** Wipe up with rags or similar absorbent.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling and conditions for Safe Storage:** Store in a cool, dry place, between 15-30°C. Keep containers tightly closed. Protect from exposure to light.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
N/A				
N/A				
N/A				

### Notes

**Appropriate Engineering Controls:** General ventilation is adequate.

### Individual Protection Measures

**Eye/Face Protection:** Safety glasses recommended where splashing or squirting may occur.

**Skin Protection:** Impervious gloves recommended (latex, nitrile or rubber).

**Respiratory Protection:** None.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear and colorless solution.

**Odour:** Odorless.

**Odour Threshold:** N/A

**pH:** 3.0 – 6.5

**Melting Point and Freezing Point:** N/A

**Initial Boiling Point and Boiling Range:** >212°F.



**Flash Point:** N/A  
**Evaporation Rate:** <1.00  
**Flammability (solid, gas):** N/A  
**Upper and Lower Flammability or Explosive Limit:** N/A  
**Vapour Pressure:** Approx. 23.8.  
**Vapour Density (air = 1):** Lighter than air.  
**Relative Density (water = 1):** Approx. 1  
**Solubility in Water:** Miscible.  
**Solubility in Other Liquids:** N/A  
**Partition Coefficient, n-Octanol / Water (Log Kow):** N/A  
**Auto-ignition Temperature:** N/A  
**Decomposition Temperature:** N/A  
**Viscosity:** N/A  
**% Volatile (by weight):** >95

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** Will not occur.

**Conditions to Avoid:** N/A

**Incompatible Materials:** Strong acids, bases and oxidizers.

**Hazardous Decomposition Products:** Hydrogen chloride, nitrogen oxides and carbon monoxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation  Skin contact  Eye contact  Ingestion

### Acute Toxicity

**LD50 (IP):** Dog 16 mg/kg, rat 17 mg/kg and mouse 89 mg/kg.

**LD50 (IV):** Rat 440 mcg/kg, mouse 1120 mcg/kg and rabbit 500 mcg/kg.

**LD50 (oral):** Rat 350 mg/kg and mouse 120 mg/kg.

**LD50 (SC):** Rat 27 mg/kg, mouse 22 mg/kg and rabbit 22 mg/kg.

**LD50 (IM):** Rabbit 200 mcg/kg.

**Skin Corrosion / Irritation:** May cause irritation and redness (material is moderately acidic). May be absorbed through broken skin.

**Serious Eye Damage / Irritation:** May cause irritation and redness.

### STOT (Specific Target Organ Toxicity) - Single Exposure

**Ingestion:** Unlikely under normal conditions of handling or usage. Effects expected to be similar to those of accidental injection.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

**Respiratory:** Unlikely under normal conditions of handling or usage (requires creation of an aerosol).

**Notes:** Accidental injection cause irritation and redness at point of injection. Headache, excitability, restlessness and arrhythmia.



### Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
N/A			
N/A			
N/A			

### Notes

#### Reproductive Toxicity

Development of Offspring: N/A  
Sexual Function and Fertility: N/A  
Effects on or via Lactation: N/A  
Germ Cell Mutagenicity: N/A  
Interactive Effects: N/A

## SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Persistence and Degradability: N/A  
Bioaccumulative Potential: N/A  
Mobility in Soil: N/A  
Other Adverse Effects: N/A

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** Waste is not considered hazardous under epa definitions. Dispose of waste in accordance with federal, state and local regulations.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group

Special Precautions: N/A

Environmental Hazards: N/A

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: N/A

## SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations: N/A



## **SECTION 16. OTHER INFORMATION**

### **Date of Latest Revision**

20-06-2019

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*WHMIS 2015 Template Provided by CCOHS, 2015*