


Section 1: Identification

Common Name/Trade Name	PHENYLEPHRINE HYDROCHLORIDE USP	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	N/A	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 4), Skin Corrosion/irritation (Category 2), Eye irritation (Category 2A), Specific target organ toxicity - single exposure (Category 3), Respiratory system	
Signal Word	Warning	
Hazard Statement(s)	H302 H315 H319 H335	Harmful if swallowed Causes skin irritation Causes serious eye irritation May cause respiratory irritation
Pictogram(s)		
Precautionary Statement(s)	P261 P264 P270 P271 P280 P301+P312 P302+P352 P304+P340 P305+P351+P338 P312 P330 P332+P313 P337+P313 P362 P403+P233 P405 P501	Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN Wash with soap and water. IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention. Take off contaminated clothing and wash before reuse. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	Benzenemethanol, 3-hydroxy-alpha-[(methylamino)methyl]-, hydrochloride
Common Name	Phenylephrine Hydrochloride
CAS Number	61-76-7
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention. If person is not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.
If Inhaled	Causes irritation and is absorbed by this route. Avoid inhalation. Remove to fresh air.
In Case of Skin Contact	Causes irritation and may be absorbed from this route. Flush with copious quantities of soap and water for at least 15 minutes.
In Case of Eye Contact	Causes irritation and is absorbed by this route. Avoid eye contact. Flush with copious quantities of water for at least 15 minutes.
If Swallowed	May cause irritation, bitter taste, and toxicity. Flush out mouth with water. This material is irregularly absorbed from the gastrointestinal tract.
Most Important Symptoms and Effects	Note to physicians. Overdose Treatment: Most overdoses require only patient observation because phenylephrine has a very short duration of action. If overdose causes an excessive hypertensive effect, a short-acting alpha-adrenergic blocker, such as phentolamine 5 to 10mg intravenously, may be used.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Use water spray, dry chemical, carbon dioxide, or foam as appropriate for surrounding fire and materials.
Special Hazards Arising From the Substance/Mixture	Products of Combustion: Carbon monoxide, carbon dioxide, nitrogen oxide, hydrochloric acid, irritating and toxic fumes.
Special PPE and/or Precautions for Firefighters	As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear approved respiratory protection, chemically compatible gloves, and protective clothing.
Methods and Materials Used for Containment	Wipe up spillage or collect spillage using a high-efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labeled container for disposal. Wash spill site.
Cleanup Procedures	Wipe up spillage or collect spillage using a high-efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labeled container for disposal. Wash spill site.

Section 7: Handling and Storage

Precautions for Safe Handling	Keep containers closed tightly when not in use. Minimize dust generation and accumulation. Avoid contact with skin, eyes and clothing. Wash hands with soap and water after contact. Avoid prolonged or repeated exposure. Protect against physical damage. Empty containers may contain product residue. Do not damage empty container.
Conditions for Safe Storage	Store in dry, room temperature, well-ventilated area. Store in suitable, labelled container. Consumption of food and beverage should be avoided in work area. Wash hands with soap and water thoroughly before eating, drinking. Keep away incompatible substances, such as oxidizing agents, acids, acid chlorides, acid anhydrides, hydrogen chloride gas, nitrogen oxides.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Contains no substances with occupational exposure limit values.
Appropriate Engineering Controls	Keep workroom concentration below current applicable OSHA safety and health requirements. If necessary, configure the explosion-proof, anti-static devices.
PPE - Eye/Face Protection	Safety glasses.
PPE - Skin Protection	Protective gloves.
PPE - Body Protection	Protective gloves, lab coat, eye washer and safety shower if needed.
PPE - Respiratory Protection	Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask below current applicable OSHA safety and health requirements.

Section 9: Physical and Chemical Properties

Appearance	White or off-white crystalline powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	Neutral (aqueous solution)
Relative Density	No data available
Melting Point/Freezing Point	140-145°C
Solubility	Freely soluble in water. Freely soluble in alcohol.
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	< 1
Flammability (Solid, Gas)	No data available
Partition Coefficient	n-octanol/water: -0.31
Auto-Ignition Temperature	480°C
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable? Yes.
Possibility of Hazardous Reactions	Hazardous Polymerization? No.
Conditions to Avoid	Avoid exposure to light.
Incompatible Materials	Strong oxidizing agents, acids, acid chlorides, and acid anhydrides.
Hazardous Decomposition Products	Decomposition products: When heated to decomposition, material emits very toxic fumes of HCl and NOx. Emits toxic fumes under fire conditions.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral - rat - 350 mg/kg. Intraperitoneal LD50 for Rats 17 mg/kg. Subcutaneous LD50 for Rats: 27 mg/kg. Intravenous LD50 for Rats: 440 mg/kg. Oral LD50 for Mouse: 120 mg/kg. Intraperitoneal LD50 for Mouse: 89 mg/kg. Subcutaneous LD50 for Mouse: 22 mg/kg. Intravenous LD50 for Mouse: 1120 ug/kg. Subcutaneous LD50 for Rabbits: 22mg/kg. Intravenous LD50 for Rabbits: 500 ug/kg. Intramuscular LD50 for Rabbits: 7200 ug/kg.
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	Phenylephrine hydrochloride was positive in the mouse lymphoma L5178Y test, without metabolic activation. It was not mutagenic in the S. typhimurium test, with and without metabolic activation. Phenylephrine hydrochloride induced sister-chromatid exchanges but not chromosomal aberrations in Chinese hamster ovary cells, without metabolic activation.
Carcinogenicity IARC	Not listed.
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	Not listed.
Carcinogenicity OSHA	Not listed.
Reproductive Toxicity	Phenylephrine may cause vasoconstriction of uterine blood vessels and the reduction of uterine blood flow, resulting in fetal hypoxia.
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	No data available
Persistence and Degradability	No data available
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Disposal: All disposals must comply with federal, State, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated.
Waste Treatment Methods Packaging	No data available
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

International regulatory information: einecs# 200-517-3. Hazard code: Xn. Risk phrases: R22, R36/37/38. Safety phrases: S22, S26, s36, S7, S46.

Section 16: Other Information

Additional Information	N/A
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