



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Benazepril Hydrochloride USP

30-4319

### Section 1: Identification

**Product Name** Benazepril Hydrochloride USP

**Commercial Name** Not available.

**Product Use** Not available.

**Restrictions On Use** Not available.

**Product Code** 30-4319

**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:

**CHEMTREC (24hr) 1-800-424-9300**

### Section 2: Hazard(s) Identification

**OSHA Haz Com:** Toxic to Reproduction Category 1B Toxic to Reproduction Additional category on effects on or via lactation  
**CFR 1910.1200** Specific Target Organ Systemic Toxicity (Repeated Exposure) Category 2 Aquatic Toxicity (Chronic) Category 4

**Signal Word** DANGER

**Hazard Statement(s)** May cause damage to organs through prolonged or repeated exposure. May damage fertility or the unborn child. May cause harm to breast-fed children. May cause long lasting harmful effects to aquatic life.

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

<b>Prevention</b>	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P262 Do not get in eyes, on skin, or on clothing. P263 Avoid contact during pregnancy/while nursing. P273 Avoid release to the environment.
<b>Response</b>	Not available.
<b>Storage</b>	Not available.
<b>Disposal</b>	P501 Dispose of contents/container to an approved waste disposal plant.

### Section 3: Composition/Information on Ingredients

**Substance/Mixture** Substance  
**Components** Benazepril Hydrochloride USP  
**% By Weight** 100  
**CAS#** 86541-74-4  
**Molecular Weight** 460.95 g/mole  
**Chemical Formula** C<sub>24</sub>H<sub>28</sub>N<sub>2</sub>O<sub>5</sub>\*HCl  
**Synonym(s)** Not available.

#### Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Benazepril Hydrochloride USP	86541-74-4	100		

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
<b>Skin Contact</b>	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
<b>Eye Contact</b>	Flush eyes with plenty of water for at least 15 minutes, Get medical aid
<b>Ingestion</b>	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available.
<b>Delayed</b>	Not available.
<b>Immediate Medical Attention</b>	
Treat symptomatically and supportively.	

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

Use water spray, dry chemical, carbon dioxide, or chemical foam.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

Not available.

**Firefighters Special Equipment and Precautions**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Section 6: Accidental Release Measures**

General Information: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

**Section 7: Handling and Storage**

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
<b>Personal Protection</b>	Eyes Wear: chemical goggles. Skin Wear: appropriate protective gloves to prevent skin exposure. Clothing: Wear a chemical apron. Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	off-white solid.		
<b>Odor</b>	Not available.		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	Not available	<b>pH</b>	Not available.
<b>Freezing Point</b>	Not available.	<b>Vapor Pressure</b>	Not available.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	Not available.	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Not available.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Not available		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Not available
<b>Hazardous Polymerization</b>	Not available
<b>Conditions to Avoid</b>	Not available.
<b>Incompatible Materials</b>	Not available
<b>Hazardous Decomposition Products</b>	These products are carbon oxides, halogenated compounds, and hydrogen fluoride.

**Section 11: Toxicological Information****RTECS** CX7065000**Acute Toxicity**

Not available.

**Skin Corrosion/Irritation**

Not available.

**Serious Eye Damage/Irritation**

Not available.

**Respiratory or Skin Sensitization**

Not available.

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not available.

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Not available

**Symptoms Related to Exposure**

Not available.

**Potential Health Effects**

Not available.

**Target Organ(s)**

Not available.

**Section 12: Ecological Information****Ecotoxicity**

Not available

**Persistence and Degradability**

Not available.

**Bioaccumulative Potential**

Not available.

**Mobility in Soil**

Not available.

**Other Adverse Effects**

Not available.

**Section 13: Disposal Considerations****Waste Disposal**

Dispose of in a manner consistent with federal, state, and local regulations.

**Disposal of Container**

Not available.

**Other Considerations**

Not available.

**Section 14: Transport Information****DOT Classification**

Proper Shipping Name: None Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

**Section 15: Regulatory Information****Regulations**

European/International Regulations European Labeling in Accordance with EC Directives Hazard Symbols: Not available. Risk Phrases: Not available. Safety Phrases: S 24/25 Avoid contact with skin and eyes. WGK (Water Danger/Protection) No information available. United Kingdom Occupational Exposure Limits United Kingdom Maximum Exposure Limits Canada It is listed on the DSL/NDSL list. It is not listed on Canada's Ingredient Disclosure List. Exposure Limits US FEDERAL TSCA It is listed on the TSCA inventory.

**Other**

Not available.

**Section 16: Other Information**

Not available.