

Section 1: Identification

Product Name Benazepril Hydrochloride, 98%
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):

Prevention 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.
Response R48 Danger of serious damage to health by prolonged exposure R61 May cause harm to unborn child R64 May cause harm to breast-fed babies R53 May cause long-term adverse effects in the aquatic environment
Storage S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection plant S61 Avoid release to the environment
Disposal P501 Dispose of contents/container to an approved waste disposal plant. S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection plant S61 Avoid release to the environment

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Benazepril Hydrochloride USP
% By Weight 98
CAS# 86541-74-4
Molecular Weight 460.95 g/mole
Chemical Formula C₂₄H₂₈N₂O₅·HCl
Synonym(s) Not available.

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Benazepril Hydrochloride USP	86541-74-4	98		

Section 4: First-Aid Measures

Inhalation	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Skin Contact	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye Contact	Flush eyes with plenty of water for at least 15 minutes, Get medical aid
Ingestion	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.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	
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

Exposure Limits	Not available.
Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Personal Protection	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

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

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Not available
Hazardous Polymerization	Not available
Conditions to Avoid	Not available.
Incompatible Materials	Not available
Hazardous Decomposition Products	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.



Safety Data Sheet

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

Benazepril Hydrochloride, 98%

30-4319

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

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages