

Section 1: Identification

Product Name	Enalapril Maleate USP
Commercial Name	Not available.
Product Use	Not available.
Restrictions On Use	Not available.
Product Code	30-3336
Company	<p>PCCA</p> <p>9901 South Wilcrest</p> <p>Houston, TX 77099</p> <p>Phone: 1-800-331-2498</p> <p>Fax: 1-800-874-5760</p>
	<p>In case of emergency contact:</p> <p>CHEMTREC (24hr) 1-800-424-9300</p>

Section 2: Hazard(s) Identification

OSHA Haz Com:	Physical / Chemical Hazards: Reproductive hazard. This material is a severe eye irritant.
CFR 1910.1200	
Signal Word	DANGER
Hazard Statement(s)	Causes serious eye irritation. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.
Pictogram(s) or Symbol(s)	

Precautionary Statement(s):

Prevention	Not available.
Response	Not available.
Storage	Not available
Disposal	Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture	Substance
Components	Enalapril Maleate USP
% By Weight	100
CAS#	76095-16-4
Molecular Weight	Not available.
Chemical Formula	C20H28N2O5
Synonym(s)	Enalapril * Enalapril Maleate * N-((S)-1-Ethoxycarbonyl-3-) TjETBT/PjCourier 10 Tf72

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Enalapril Maleate USP	76095-16-4	100		

Section 4: First-Aid Measures

Inhalation	Remove to fresh air.
Skin Contact	Flush with copious quantities of water.
Eye Contact	Avoid contact. Flush with copious quantities of water
Ingestion	Flush out mouth with water.
Symptoms/Effects	
Acute	Effects and symptoms: Over dose may cause dizziness or fainting sodium depletion, and increased levels of potassium in the blood.
Delayed	Effects and symptoms: Over dose may cause dizziness or fainting sodium depletion, and increased levels of potassium in the blood.

Immediate Medical Attention

Not available.

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

Water spray, dry chemical, Carbon dioxide or foam as appropriate for surrounding fire and materials.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Emits toxic fumes under fire conditions: This material is assumed to be combustible. As with all dry powders it is advisable to ground mechanical equipment in contact with dry material to dissipate the potential buildup of static electricity.

Firefighters Special Equipment and Precautions

As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing. Wear a NIOSH approved respirator, if it is determined to be necessary by an industrial hygiene survey involving air monitoring. In the event that a respirator is not required, an approved dust mask should be used.

Section 6: Accidental Release Measures

Large spill and leak: Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage or collect spillage using efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labeled container for disposal. Wash spill site. Personal protection in case of large spill: Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate attention. If person is not breathing give artificial respiration. If breathing is difficult give oxygen. Obtain medical attention.

Section 7: Handling and Storage

Handling: As a general rule, when handling USP Reference standards avoid all contact and inhalation of dust, mists, and/or vapours associated with the material. Wash thoroughly after handling. Storage: Preserve in well-closed containers, and store at controlled room temperature.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Use adequate general or local exhaustive ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
Personal Protection	Respiratory system: Wear a NIOSH approved respirator, if it is determined to be necessary by an industrial hygiene survey involving air monitoring. In the event that a respirator is not required, an approved dust mask should be used. Skin and body: Protect exposed skin. Hands : Wear rubber gloves. Eyes : Wear safety goggles.

Section 9: Physical and Chemical Properties

Appearance	Solid. White to off white crystalline powder.		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	143 - 144.5 C	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	432 C
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Sparingly soluble in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	The product is stable.
Hazardous Polymerization	Hazardous polymerization will not occur.
Conditions to Avoid	Material is stable from a safety point of view.
Incompatible Materials	Not available.
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information
RTECS TW3666000

Acute Toxicity

Possible eye, skin, gastrointestinal and for respiratory tract irritation.

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 waste in accordance with all applicable state and local laws.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Not available.

Other

Not available.

Section 16: Other Information

This product is sold for manufacturing purpose only.