



Safety Data Sheet

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

Ephedrine Hydrochloride USP

55-1381

Section 1: Identification

Product Name Ephedrine Hydrochloride USP

Commercial Name Not available.

Product Use Not available.

Restrictions On Use Not available.

Product Code 55-1381

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: Acute toxicity Category 4 Specific target organ toxicity, single exposure Category 2 (cardiovascular system, nervous system)

CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed. May cause damage to organs (cardiovascular system, nervous system).

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	Do not breathe dust. Wash thoroughly after handling.
Response	If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If exposed or concerned: Call a poison center/doctor
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance

Components Ephedrine Hydrochloride USP

% By Weight 100

CAS# 50-98-6

Molecular Weight 201.7 g/mole

Chemical Formula C10H15NO

Synonym(s) BENZENEMETHANOL, ALPHA-(1-(METHYLAMINO)ETHYL)-, HYDROCHLORIDE, (R-(R*, S*))- *
EPHEDRINE HYDROCHLORIDE * L-EPHEDRINE, HYDROCHLORIDE * N-
METHYL-BETA-OXY-BETA-PHENYLISOPROPYLAMINHYDROCHLORID (GERMAN)

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Ephedrine Hydrochloride USP	50-98-6	100	Not Available.): Acute: 400 mg/kg [Mouse].

**Safety Data Sheet**

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

Section 4: First-Aid Measures

Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Skin Contact	In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
Eye Contact	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
Ingestion	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	Not available.

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

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Emits toxic fumes under fire conditions.

Firefighters Special Equipment and Precautions

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL: Evacuate area.

PROCEDURE(S) OF PERSONAL PRECAUTION(S): Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7: Handling and Storage

HANDLING: Directions for Safe Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. STORAGE: Conditions of Storage: Keep tightly closed. SPECIAL REQUIREMENTS: Light sensitive.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Mechanical exhaust required. Safety shower and eye bath.
Personal Protection	GENERAL HYGIENE MEASURES: Wash thoroughly after handling. PERSONAL PROTECTIVE EQUIPMENT: Respiratory Protection: Government approved respirator. Hand Protection: Compatible chemical-resistant gloves. Eye Protection: Chemical safety goggles.

Section 9: Physical and Chemical Properties

Appearance	Colorless Solid. Fine crystals		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	Not available	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not applicable.
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	MP/MP Range 216 °C		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	The product is stable.
Hazardous Polymerization	Hazardous Polymerization: Will not occur
Conditions to Avoid	Sensitive to light.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Hydrogen chloride gas.

Section 11: Toxicological Information**RTECS** KB1750000**Acute Toxicity**LD50: Subcutaneous Rat 1150 MG/KG LD50 Oral Mouse 400 mg/kg LD50 Subcutaneous Mouse 40870 UG/KG Remarks:
Behavioral: Convulsions or effect on seizure threshold. Behavioral: Excitement.**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

Skin. Eye. Inhalation. Ingestion.



Safety Data Sheet

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

Ephedrine Hydrochloride USP

55-1381

Symptoms Related to Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

Not available.

Target Organ(s) Nerves. Heart.

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

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

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

Although the information presented herein is believed to be true and accurate, no warranty or guarantee, expressed or implied is made regarding the information or performance of the product since the conditions of use are beyond our control. We assure no liability for incidental, consequential or direct damages of any kind no matter the cause.