

Section 1: Identification

Product Name Phenylpropanolamine HCl
Commercial Name Not available.
Product Use Not available
Restrictions On Use Not available

Product Code 55-1043

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, oral Category 4 Specific target organ toxicity, single exposure Category 2 (cardiovascular system)
CFR 1910.1200

Signal Word DANGER

Hazard Statement(s) Harmful if swallowed. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention Wash thoroughly after handling.
Response If exposed or concerned: Call a poison center/doctor. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth.
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 Phenylpropanolamine HCl
% By Weight 100
CAS# 154-41-6
Molecular Weight 187.67 g/mole
Chemical Formula C₉H₁₃NO.HCl
Synonym(s) (R*,S*)-(±)-alpha-(1-Aminoethyl)benzenemethanol hydrochloride

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Phenylpropanolamine HCl	154-41-6	100	Not available.	ORAL (LD50):Acute: 1490mg/kg [Rat]. 150 mg/kg [Mouse].

Section 4: First-Aid Measures

Inhalation	Remove from exposure immediately. Use a bag valve mask, or similar device to perform artificial respiration (rescue breathing) if needed. Get medical attention.
Skin Contact	Remove contaminated clothing, jewelry, and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). Get medical attention, if needed.
Eye Contact	Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately.
Ingestion	Contact local poison control center or physician immediately. Never make an unconscious person vomit or drink fluids. If vomiting occurs^ keep head lower than hips to help prevent aspiration. If person is unconscious, turn head to side. Get medical attention immediately.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.

Immediate Medical Attention

ANTIDOTE; phentolamine, intravenous, oral; avoid chlorpromazine except for amphetamines

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

regular dry chemical, carbon dioxide, water, regular foam. Large fires: Use regular foam or flood with fine water spray.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...).

Firefighters Special Equipment and Precautions

Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Section 6: Accidental Release Measures

Collect spilled material in appropriate container for disposal. Keep out of water supplies and sewers. Keep unnecessary people away, isolate hazard area and deny entry.

Section 7: Handling and Storage

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances. Store in a cool, dry place. Keep in the dark.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Provide local exhaust or process enclosure Ventilation system. Ensure compliance with applicable exposure limits.
Personal Protection	EYE PROTECTION: Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. CLOTHING: Wear appropriate chemical resistant clothing. GLOVES: Wear appropriate chemical resistant gloves, RESPIRATOR: Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use. Any dust and mist respirator with a full facepiece, Any air-purifying respirator with a full facepiece and a high-efficiency particulate filter. Any powered, air-purifying respirator with a full facepiece and a high-efficiency particulate filter. For Unknown Concentrations or Immediately Dangerous to Life or Health - Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply.

Section 9: Physical and Chemical Properties

Appearance	crystals, flakes White in color.		
Odor	distinct odor		
Odor Threshold	Not available.		
Melting Point	376-385 F (191-196 C)	pH	4.2-5.5 (3% solution)
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)	110% in water. Soluble; alcohol Practically Insoluble: ether, chloroform, benzene		
Other	Not available		

Section 10: Stability and Reactivity

Reactivity	Stable at normal temperatures and pressure
Chemical Stability	Not available.
Hazardous Polymerization	Will not polymerize.
Conditions to Avoid	Avoid heat, flames, sparks and other sources of Ignition. Avoid contact with incompatible materials
Incompatible Materials	oxidizing materials
Hazardous Decomposition Products	oxides of carbon

Section 11: Toxicological Information

RTECS	DN4200000
Acute Toxicity	2142 ug/kg oral-human TDLo; 1490 mg/kg oral-rat LD50 Moderately Toxic: ingestion
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	Absorbed through skin. Eye contact. Inhalation. Ingestion.

Symptoms Related to Exposure

nausea, vomiting, difficulty breathing,, irregular heartbeat, headache, symptoms of drunkenness, blurred vision, dilated pupils, bluish skin color, lung congestion, effects on the brain, convulsions, coma. LONG TERM EXPOSURE: tearing, ringing in the ears, diarrhea, drowsiness, dizziness, disorientation, impotence, kidney damage, reproductive effects

Potential Health Effects

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: convulsive disorders, eye disorders, genitourinary disorders, heart or cardiovascular:disorder hormonal disorders, kidney disorders, skin disorders and allergies

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 in accordance with all applicable regulations.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

No classification assigned. LAND TRANSPORT ADR/RID: No classification assigned. AIR TRANSPORT IATA/ICAO: No classification assigned. MARITIME TRANSPORT IMDG: No classification assigned.

Section 15: Regulatory Information**Regulations**

TSCA INVENTORY STATUS: Y TSCA 12(b) EXPORT NOTIFICATION: Not listed. CERCLA SECTION 103 (40CFR302.4): N SARA SECTION 302 (40CFR355.30): N SARA SECTION 304 (40CFR355.40): N SARA SECTION 313 (40CFR372.65): N SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40CFR370.21): ACUTE: N CHRONIC: N FIRE: N REACTIVE: N SUDDEN RELEASE: N OSHA PROCESS SAFETY (29CFR1910.119): N STATE REGULATIONS: California Proposition 65: N EUROPEAN REGULATIONS: EC NUMBER (EINECS): 205-826-7 EC RISK AND SAFETY PHRASES: R 22 Harmful if swallowed. S 2 Keep out of reach of children. S 13 Keep away from food, drink and animal feeding stuffs. S 24 Avoid contact with skin. S 36 Wear suitable protective clothing. S 46 If swallowed, seek medical advice immediately and show this container or label.

Other

WHMIS CLASS D-1B: Material causing immediate and (Canada) serious toxic effects (TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC);;DSCL (EEC) R22- Harmful if swallowed. R38- Irritating to skin. R41- Risk of serious damage to eyes.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.;Splash goggles.

Section 16: Other Information



Safety Data Sheet

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

Phenylpropanolamine HCl

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Not available.