

**Safety Data Sheet**

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

Section 1: Identification**Product Name** Diphenhydramine Hydrochloride USP**Commercial Name** Not available.**Product Use** Not available.**Restrictions On Use** Not available.**Product Code** 30-1079**Company** PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300**Section 2: Hazard(s) Identification****OSHA Haz Com:** Not available.**CFR 1910.1200****Signal Word** NON-HAZARDOUS**Hazard Statement(s)** Not available.**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** Diphenhydramine HCl**% By Weight** 100**CAS#** 147-24-0**Molecular Weight** 291.85 g/mole**Chemical Formula** C₁₇H₂₂ClNO**Synonym(s)** 2-(Diphenylmethoxy)-N,N dimethyl ethanamine or 2-(benzhydrylox)-N,N-dimethylethylamine hydrochloride**Mixtures**

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Diphenhydramine HCl	147-24-0	100	Not available.	Not available.

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Section 4: First-Aid Measures

Inhalation	Remove from exposure to fresh air immediately.
Skin Contact	Flush skin with plenty of soap and water for at least 15 minutes, while removing contaminated clothing and shoes.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids.
Ingestion	Do not induce vomiting. Allow the victim to rinse mouth then drink 2-4 cupfuls of water and seek medical advice.
Symptoms/Effects	
Acute	Ingestion: Blood, Liver/Kidney Test. Abnormalities are possible at high doses.
Delayed	Not available.
Immediate Medical Attention	
Not available.	

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

In case of fire, use water dry chemical, chemical foam, or alcohol resistant 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 and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Section 6: Accidental Release Measures

General Info: Use proper personal protective equipment as indicated in section 8. Spill/Leaks: Clean up spills immediately, observing precautions in protective equipment section. Sweep up, and then place into a suitable container for disposal.

Section 7: Handling and Storage

Handling: Wash thoroughly after handling, remove contaminated, clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Storage: Store in cool, dry place. Keep container closed when not in use.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Use adequate general or local exhaust ventilation to keep airborne concentration below the permissible exposure limits.
Personal Protection	Eyes: Wear safety glasses and goggles if splashing is possible. Skin: Wear appropriate protective gloves and clothing to prevent skin exposure. Clothing: Wear appropriate protective clothing to minimize contact with skin. Respirators: Wear a NIOSH/MSHA approved or equivalent full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

Section 9: Physical and Chemical Properties

Appearance	Solid. A white or almost white crystalline powder		
Odor	Odorless		
Odor Threshold	Not available.		
Melting Point	168°C (334.4°F)	pH	1% solution/water: 4 to 6
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)	Soluble in cold water, soluble in alcohol and in chloroform.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under normal temperatures and pressures.
Hazardous Polymerization	Has not been reported
Conditions to Avoid	Not available.
Incompatible Materials	Not available.
Hazardous Decomposition Products	Nitrogen oxides, carbon monoxide, carbon dioxide.

Section 11: Toxicological Information**RTECS** CAS 147-24-0: DG9400**Acute Toxicity**

The toxicological properties have not been fully investigated.

Skin Corrosion/Irritation

Hazardous in case of skin contact (irritant).

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not listed by ACGIH, IARC, NIOSH, NTP or OSHA

Reproductive Toxicity

Not available.

Routes of Entry

Not available.

Symptoms Related to Exposure

Not available.

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Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Bacteria: Phytobacterium phosphoreum: EC50=55.6 mg/L; 30 min.; Microtox test at 15C

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 local regulations.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

No information available

Section 15: Regulatory Information**Regulations**

TSCA: CAS 147-24-0 is listed on the TSCA inventory. Health & Safety REporting List: None of the chemicals are on the Health & Safety Reporting List Chemical Test Reules:None of the chemicals in this product are under a chemical test rule. Section 12b: None of the chemicals are listed under TSVCA SEction 12b. TSCA Significant New Use Rule: None of hte chemicals in this maerial have a SNUR under TSCA. SARA CERCLA Hazardous Substances and corresponding RQs: None of the chemicals in this material have an RQ Sara Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ SEction 313: No chemicals are reportable under SEction 313. Clean Air Act: This materiald oes nto contain any hazardous air pollutants. This material does not contain any Clas 1 or 2 Ozone depletors. Clean Water Act: None of these chemcials in this product are listed as Hazardous Substances, Priority Pollutants or Toxic Pollutants under the CWA. OSHA: None of these chemicals in this product are considered highly hazardous by OSHA.

Other

Not available.

Section 16: Other Information

Not available.