

Safety Data Sheet

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

Section 1: Identification

Product Name CETIRIZINE HYDROCHLORIDE
Commercial Name N/A
Product Use API
Restrictions On Use N/A
Product Code 30-5282
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)

CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention N/A
Response P264: Wash hands thoroughly after handling. P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P330: Rinse mouth.
Storage Please refer section 7 for storage & section 13 for disposal information.
Disposal Please refer section 7 for storage & section 13 for disposal information.

Section 3: Composition/Information on Ingredients

Substance/Mixture Cetirizine Dihydrochloride
Components Cetirizine Dihydrochloride
% By Weight <= 100%
CAS# 83881-52-1
Molecular Weight 461.81 g/mol
Chemical Formula C₂₁H₂₇Cl₃N₂O₃
Synonym(s) [2-[4-[(4-Chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]acetic acid dihydrochloride

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Cetirizine Dihydrochloride	83881-52-1	<= 100%		

Section 4: First-Aid Measures

Inhalation Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel.

Skin Contact In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with soap & water/shower. Consult a physician. Wash clothing before use.

Eye Contact After eye contact: Rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

Ingestion After swallowing: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

Symptoms/Effects

Acute Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation or skin absorption. May cause eye, skin, or respiratory system irritation.

Delayed To the best of our knowledge, the toxicological properties have not been thoroughly investigated. This substance/mixture contains no components considered to be either persistent, Bioaccumulative or toxic (PBT), or very persistent and very Bioaccumulative (vPvB) at levels of 0.1% or higher

Immediate Medical Attention

No data available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**Alcohol resistant foam, Water spray, Carbon dioxide (CO₂) Dry powder**Unsuitable Extinguishing Media**

None.

Products of Combustion

No data available.

Firefighters Special Equipment and Precautions

In the event of fire, wear self-contained breathing apparatus pressure demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures Advice for non-emergency personnel: Avoid inhalation of dusts. Ensure adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection. Observe emergency procedures, and consult an expert. For personal protection see section 8. 6.2 Environmental precautions Do not let product enter drains. Take steps to avoid release into the environment, if safe to do so. 6.3 Methods and materials for containment and cleaning up Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations.

Section 7: Handling and Storage

7.1 Precautions for safe handling Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid prolonged or repeated exposure. 7.2 Storage conditions: EP/BP: Protected from light. USP: Preserve in tight container, protected from light and moisture. Store at room temperature. IP: Store protected from light.

Section 8: Exposure Controls/Personal Protection

Exposure Limits N/A

Engineering Controls Use process enclosures, or other engineering controls to control airborne levels below recommended exposure limits.

Personal Protection Eye protection: Safety glasses Protective gloves: Compatible chemical-resistant gloves. Other protective clothing: Lab coat Respiratory equipment: NIOSH approved respirator, as conditions warrant.
Work/Hygienic/Maintenance practices: Do not take internally. Facilities storing or utilizing this material should be equipped with eyewash and a safety shower. Wash thoroughly after handling.

Section 9: Physical and Chemical Properties

Appearance	White crystalline solid		
Odor	No data available		
Odor Threshold	No data available		
Melting Point	210-218°C	pH	No data available
Freezing Point	N/A	Vapor Pressure	No data available
Boiling Point/Range	No data available	Vapor Density	No data available
Decomposition temperature	No data available	Viscosity	No data available
Partition Coefficient: n-octanol/water	No data available	Evaporation Rate	No data available
Flash Point	No data available	Autoignition temperature	No data available
Flammability	No data available	Flammability or Explosive Limits:	
		Lower	No data available
		Upper	No data available
Solubility(ies)	Soluble in water and Methanol.		
Other	Relative density: No data available Partition coefficient n-octanol/water: No data available Auto ignition temperature: No data available Explosive properties: No data available Oxidizing properties: No data available Other safety information: No data available		

Section 10: Stability and Reactivity

Reactivity	No data available.
Chemical Stability	Stable
Hazardous Polymerization	Will not occur.
Conditions to Avoid	No data available.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon dioxide, carbon monoxide, Nitrogen oxides.

Section 11: Toxicological Information

RTECS	KD4165000
Acute Toxicity	
Acute toxicity LD50: Oral - Rat - 365 mg/kg	
Skin Corrosion/Irritation	
N/A	
Serious Eye Damage/Irritation	
N/A	
Respiratory or Skin Sensitization	
N/A	
Germ Cell Mutagenicity	
N/A	
Carcinogenicity	
N/A	
Reproductive Toxicity	
Cetirizine Dihydrochloride-Investigated as a drug and reproductive	
Routes of Entry	
N/A	

Symptoms Related to Exposure

N/A

Potential Health Effects

N/A

Target Organ(s) N/A**Section 12: Ecological Information****Ecotoxicity**

Avoid release in the environment. Run off from fire control or dilution water may cause pollution. Results of PBT and vPyB assessment This substance/mixture contains no components considered to be either persistent, Bioaccumulative or toxic (PBT), or very persistent and very Bioaccumulative (vPvB) at levels of 0.1 % or higher.

Persistence and Degradability

No data available

Bioaccumulative Potential

No data available

Mobility in Soil

No data available

Other Adverse Effects

No data available

Section 13: Disposal Considerations**Waste Disposal**

Waste treatment methods Product: Dispose in accordance with local, state and federal regulations Contaminated packing: Dispose of as unused product.

Disposal of Container

N/A

Other Considerations

N/A

Section 14: Transport Information**DOT Classification**

UN number ADR/RID: - 14.2 UN proper shipping name Checked By Quil145/21 Head - R&D Section 14: Transport Information
ADR/RID: Not dangerous goods IMDG: - IATA: - Approved By Head -QA IMDG : Not dangerous goods IATA: Not dangerous goods
ADR/RID: - 14.4 Packaging group IMDG: - IATA: - ADR/RID:- IMDG: - IATA: - 14.5 Environmental hazards ADR/RID: no IMDG
Marine pollutant: no IATA: no 14.6 Special precautions for user No data available

Section 15: Regulatory Information**Regulations**

Federal and State Regulations: TSCA 8(b)inventory: Cetirizine Dihydrochloride Other Regulation: OSHA: Hazardous by definition of Hazard communication standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances. Other classification: WHMIS (Canada): Class D-1B: No data available.

Other

N/A

Section 16: Other Information

N/A