

**Safety Data Sheet**

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

Section 1: Identification**Product Name** Meclizine Hydrochloride USP Monohydrate**Commercial Name** Not available.**Product Use** Not available**Restrictions On Use** Not available**Product Code** 30-2394**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** WARNING**Hazard Statement(s)** Harmful if swallowed**Pictogram(s) or Symbol(s)****Precautionary Statement(s):**

Prevention	Wear suitable protective clothing and gloves.
Response	In case of contact with eyes, rinse immediately with plenty of Water and seek medical advice.
Storage	Not available.
Disposal	Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture	Substance
Components	Meclizine Hydrochloride USP Monohydrate
% By Weight	100
CAS#	31884-77-2
Molecular Weight	481.90
Chemical Formula	C ₂₅ H ₂₇ ClN ₂ · 2HCl · H ₂ O
Synonym(s)	Not available.

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Meclizine Hydrochloride USP Monohydrate	31884-77-2	100		

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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.
Ingestion	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
Not available.	

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

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

Unsuitable Extinguishing Media

Not available

Products of Combustion

Not available.

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

Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. 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. Evacuate area.

Section 7: Handling and Storage

Not available.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Mechanical exhaust required. Safety shower and eye bath.
Personal Protection	Wash thoroughly after handling. Do not breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. NIOSH/ MSHA- approved respirator. Compatible chemical -resistant gloves. Chemical safety goggles. Store in a cool dry place. Keep tightly closed.

Section 9: Physical and Chemical Properties

Appearance	Solid.		
Odor	Not available		
Odor Threshold	Not available		
Melting Point	Not available	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	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Water - Insoluble. Ethanol —partly Soluble. Chloroform - soluble		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable.
Hazardous Polymerization	Hazardous polymerization will not occur.
Conditions to Avoid	Sensitive to light
Incompatible Materials	Acids; Bases; Strong oxidizing agents
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, nitrogen oxides

Section 11: Toxicological Information

RTECS	Not available.
Acute Toxicity	
Oral Mouse: LD50: 1600 mg/kg	
Skin Corrosion/Irritation	
Causes skin irritation.	
Serious Eye Damage/Irritation	
eye irritation.	
Respiratory or Skin Sensitization	
May be harmful if absorbed through the skin. Material is irritating to mucous membranes and upper respiratory tract.	
Germ Cell Mutagenicity	
Not been thoroughly investigated	
Carcinogenicity	
Not been thoroughly investigated	
Reproductive Toxicity	
Not been thoroughly investigated	
Routes of Entry	
Not available.	
Symptoms Related to Exposure	
Not available	

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Potential Health Effects

Not available

Target Organ(s) Not been thoroughly investigated**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**

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.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Non- Dangerous Goods Classification —LDSO -oral 1600 mg /kg Land Transport ADR/RID. This material is safe to transport by Air, road or sea cargo.

Section 15: Regulatory Information**Regulations**

European information Harmful R 22, Harmful if swallowed. R 36/37/38, irritating to eyes, respiratory system and skin. S 26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36/37, Wear suitable protective clothing and gloves.

Other

Not available.

Section 16: Other Information

This information is based on our knowledge at the time of issuing this MSDS. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.