

Medical Chemical Corp.  
19430 Van Ness Ave.  
Torrance, CA 90501

Customer Service: Phone (310)787-6800, (800)424-9394  
FAX (310)787-4464

CHEMTREC Emergency Response Telephone Number: (800)424-9300

Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please direct all other inquiries to our customer service phone number.

### Section I - Product Identification

An aqueous solution of potassium hydrogen phthalate.

### Section II - Hazards Identification

Overview: May be harmful if swallowed. May be irritating to skin and eyes.

#### Safety Ratings

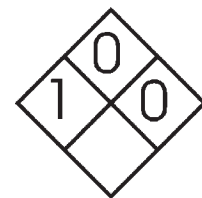
Health: Slight Flammability: None Reactivity: None Contact: Slight

Recommended safety equipment: safety goggles, lab coat and proper gloves

Storage: General storage

NFPA Ratings

Health = 1 Flammability = 0 Reactivity = 0



#### Potential Health Effects

The toxicology of this compound has not been completely examined. It is presumed that the toxicity of this item is similar to other weak acids.

*Inhalation:* May be irritating

*Ingestion:* While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.

*Skin contact:* Not normally a problem

*Eye contact:* May be irritating

*Chronic Exposure:* Unknown

*Aggravation of preexisting conditions:* Unknown

### Section III - Composition/Information on Components

Ingredients	CAS#	OSHA Pel	ACGIH TLV	Other Limits	%
Potassium hydrogen phthalate	877-24-7	25 mg/m <sup>3</sup> TWA	25 mg/m <sup>3</sup> TWA		1% w/v

### Section IV - First Aid Measures

*Inhalation:* Unlikely to be a problem. Remove from source of exposure and get medical attention for any breathing difficulty.

*Ingestion:* If the victim is conscious, induce vomiting. Never give anything by mouth to an unconscious person.

*Skin Contact:* Wash affected area with soap and water. Get medical advice if irritation develops.

*Eye Contact:* Rinse thoroughly with running water. Get medical advice if irritation develops.

---

## Section V - Fire Fighting Measures

*Flash point:* Not applicable.

*Flammable Limits:* Not applicable.

*Fire:* Not normally a fire Hazard,

*Explosion:* Not Normally an explosion hazards.

*Fire Extinguishing Media:* Any means suitable for surrounding fire.

*Special information:* Pyrolysis will release corrosive oxides.

---

## Section VI - Accidental Release Measures

Absorb with a suitable absorbent (such as paper towels) and dispose.

---

## Section VII - Handling and Storage

Store in a closed container, protected from freezing.

---

## Section VIII - Exposure Control/Personal Protection

*Airborne Exposure Limits:* See section III.

*Ventilation System:* Usually not required. When required, Refer to the ACGIH document, "Industrial Ventilation, a Manual of Recommended Practices" for details about ventilation.

*Personal Respirator:* Usually not required. In case of emergency, or when exposure levels are unknown, use a positive pressure, full face piece, air supplied respirator.

*Skin protection:* Protective gloves are not required but recommended as part of good laboratory practice.

*Eye Protection:* Laboratory safety goggles or similar products are not required but recommended as part of good laboratory practice.

---

## Section IX - Physical and Chemical Properties

*Boiling Point:* 100 °C

*Vapor pressure (mm Hg):* 18 @ 20 °C

*Vapor Density (air = 1):* 0.6

*Appearance and Odor:* A clear, colorless liquid.

*Density:* 1.1 g/ml

*Evaporation Rate (water = 1):* 1

*Solubility:* Infinitely miscible with water

---

## Section X - Stability and Reactivity

*Stability:* Freezes at low temperature.

*Hazardous Decomposition Products:* Nothing unusual.

*Hazardous polymerization:* Will not occur.

*Incompatibilities:* Nothing unusual.

*Conditions to avoid:* Excessive cold/heat and light.

---

## Section XI - Toxicological Information

None relating to normal exposure.

Cancer lists

Ingredient

Known Carcinogenicity?

Anticipated?

IARC Category

Potassium hydrogen phthalate

No

No

None

---

## Section XII - Ecological Information

*Environmental Fate:* Biodegradable

*Environmental Toxicity:* None

---

**Section XIII - Disposal Considerations**

Waste disposal is usually not restricted but local ordinances vary. Insure compliance with all government regulations.

---

**Section XIV - Transportation Information**

Not regulated.

---

**Section XV - Regulatory Information****Chemical Inventory Status**

---

<u>Ingredient</u>	<u>TSCA</u>	<u>EC</u>
Potassium hydrogen phthalate	Yes	<u>Yes</u>

**Federal, State and International Regulations**

---

<u>Ingredient</u>	<u>SARA 302</u>		<u>SARA 313</u>		<u>RCRA</u>	<u>TSCA</u>	<u>Ca. Prop 65</u>
	<u>RQ</u>	<u>TPQ</u>	<u>List</u>	<u>Category</u>	<u>261.33</u>	<u>8(D)</u>	
Potassium hydrogen phthalate	No	No	No	No	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No

SARA 311/312: Acute: No, Chronic: No, Fire: No

---

**Section XVI - Other Information**

This information is believed to be correct but is not warranted as such, nor does it purport to be all inclusive.

Revision Date: Jan. 3, 2018