

Quality Science Labs, LLC

Material Safety Data Sheet (MSDS)

Section 1- Chemical Product and Company Identification

Potassium Hydrogen Phthalate

Quality Science Labs, LLC
P.O. Box 159
32600 Highway 24
Lake George, CO 80827

Phone number: (866) 700-1884

CHEMTREC Emergency Phone Number: (800) 424-9300

Section 2- Composition, Information on Ingredients

Potassium Hydrogen Phthalate
Synonym: Potassium Acid Phthalate
CAS #: 877-24-7

Section 3- Hazards Identification

Colorless crystals. Odorless.
Slightly toxic by ingestion. Dust is irritating. Avoid body tissue contact.

QSL At-A-Glance:

Health- 1
Flammability- 0
Reactivity- 0
Exposure-1
Storage-0
0 is low hazard, 3 is high hazard

Section 4- First Aid Measures

Call a physician, seek medical attention for further treatment, observation, and support after first aid.
Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.
Eye: Immediately flush with fresh water for 15 minutes.
External: Wash continuously with fresh water for 15 minutes.
Internal: Give large quantities of water. Call a physician or poison control at once.

Section 5- Firefighting Measures

Non flammable solid.

NFPA Code:

None Established

Section 6- Accidental Release Measures

Restrict unprotected personnel from area. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

Section 7- Handling and Storage

Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates. Store in a cool dry place.

Section 8- Exposure Controls, Personal Protection

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical resistant apron. Use exhaust ventilation to keep airborne concentrations low.

Section 9- Physical and Chemical Properties

Colorless crystals. Odorless.

Specific Gravity: 1.636

Solubility: Soluble in water.

Formula: $\text{KHC}_8\text{H}_4\text{O}_4$

Formula Weight: 204.23

Section 10- Stability and Reactivity

Avoid contact with strong oxidizers.

Shelf life: Indefinite

Section 11- Toxicological Information

Acute effects: Irritating dust

ORL-RAT LD50: 3200 mg/kg

Chronic effects: N.A.

IHL-RAT LC50: N.A.

Target Organs: N.A.

SKN-RBT LD50: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

Section 12- Ecological Information

Data not yet available.

Section 13- Disposal Considerations

Please consult with state and local regulations.

Section 14- Transport Information

Shipping Name: Not regulated

Hazard Class: N/A

UN Number: N/A

N/A = Not applicable

Section 15- Regulatory Information

TSCA-listed, EINECS-listed (212-889-4)

Section 16- Other Information

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Quality Science Labs, LLC makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relation thereto. The data is offered solely for your consideration, investigation, and verification. Quality Science Labs, LLC assumes no legal responsibility for use or reliance upon this data.

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Quality Science Labs, LLC

QSL MSDS Prevent Chemical Accidents

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