



## Material Safety Data Sheet

Potassium Acetate

24 Hour Emergency Phone: CHEMTREC (US) 1-800-424-9300  
CANUTEC (CANADA) 613-996-6666

Date of Preparation: 11/13/09

Revision: 11/13/09

### Section 1 - Chemical Product and Company Identification

BDH0254-500G

Synonyms: Acetic acid, potassium salt  
CAS No.: 127-08-2  
Molecular Weight: 98.15  
Chemical Formula: KC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>

Manufacturer: Hawkins, Inc.  
3100 E. Hennepin Avenue  
Minneapolis, MN 55413

Manufactured for: VWR International LLC  
1310 Goshen Parkway  
West Chester, PA 19380

For More Information Call: 1-800-932-5000  
(Monday-Friday, 8:00am-5:00pm)

Email: [chemicals@vwr.com](mailto:chemicals@vwr.com)  
[www.vwr.com](http://www.vwr.com)

### Section 2 - Composition / Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Potassium Acetate	127-08-2	99-100%	Yes

### Section 3 - Hazards Identification

#### Emergency Overview

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

#### Potential Health Effects

Inhalation: May cause mild irritation to the respiratory tract.  
Ingestion: Extremely large oral dosages may produce gastrointestinal disturbances. Has diuretic effect.  
Skin Contact: No adverse effects expected. May cause mild irritation and redness.  
Eye Contact: No adverse effects expected. May cause mild irritation, possible reddening.  
Chronic Exposure: No adverse health effects expected.  
Aggravation of Pre-existing Conditions: No adverse health effects expected.

### Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.  
Ingestion: If large amounts were swallowed, give water to drink and get medical advice.  
Skin Contact: Wash exposed area with soap and water. Get medical advice if irritation develops.  
Eye Contact: Wash thoroughly with running water. Get medical advice if irritation develops.

### Section 5 - Fire-Fighting Measures

**NFPA Ratings:** Health: 1 Flammability: 0 Reactivity: 0  
**Fire:** Not considered to be a fire hazard.  
**Explosion:** Not considered to be an explosion hazard.  
**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.  
**Special Information:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### Section 6 - Accidental Release Measures

Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment as specified in Section 8.

**Spills:** Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

### Section 7 - Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

### Section 8 - Exposure Controls / Personal Protection

#### Airborne Exposure

**Limits:** None established.

**Ventilation System:** In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use created discomfort to the worker, a local exhaust system should be considered.

#### Personal Respirators

**(NIOSH Approved):** For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respiratory supplier, whichever is lowest.  
**WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

**Skin Protection:** Wear protective gloves and clean body-covering clothing.

**Eye Protection:** Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

### Section 9 - Physical and Chemical Properties

**Appearance:**  
White, deliquescent, crystalline  
Powder.

**Odor:**  
Odorless.

**Solubility:**  
200 g/100 g water

**Specific Gravity:**  
1.57 @ 25C

**pH:**  
9.7 Conc: 0.1 M (Solution)

**% Volatiles by volume @ 21C (70F):**  
0

**Boiling Point:** No information found. **Melting Point:** 292C (558F)

**Vapor Density (Air=1):** No information found. **Vapor Pressure (mm Hg):** No information found.

**Evaporation Rate (BuAc=1):**  
No information found.

**Section 10 - Stability and Reactivity**

**Stability:** Stable under ordinary conditions of use and storage.  
**Hazardous Decomposition Products:** May produce oxides of carbon and the contained metal.  
**Hazardous Polymerization:** Will not occur.  
**Incompatibilities:** Strong oxidizing agents.  
**Conditions to Avoid:** Heat, flame, moisture, ignition sources, and incompatibles.

**Section 11- Toxicological Information**

Oral rat LD50: 3250 mg/kg

-----\Cancer Lists\-----

Ingredient	---NTP Carcinogen---		IARC Category
	Known	Anticipated	
Potassium Acetate (127-08-2)	No	No	None

**Section 12 - Ecological Information**

**Environmental Fate:** No information found.  
**Environmental Toxicity:** No information found.

**Section 13 - Disposal Considerations**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**Section 14 - Transport Information**

Not regulated.

**Section 15 - Regulatory Information**

-----\Chemical Inventory Status - Part 1\-----

Ingredient	TSCA	EC	Japan	Australia
Potassium Acetate (127-08-2)	Yes	Yes	Yes	Yes

-----\Chemical Inventory Status - Part 2\-----

Ingredient	Korea	--Canada--		Phil.
		DSL	NDSL	
Potassium Acetate (127-08-2)	Yes	Yes	No	Yes

-----\Federal, State & International Regulations - Part 1\-----

Ingredient	-SARA 302-		-SARA 313-	
	RQ	TPQ	List	Chemical Catg.
Potassium Acetate (127-08-2)	No	No	No	No

-----\Federal, State & International Regulations - Part 2\-----

Ingredient	CERCLA	-RCRA-	-TSCA-
		261.33	8 (d)
Potassium Acetate (127-08-2)	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No  
 SARA 311/312: Acute: No Chronic: No Fire: No Pressure: No  
 Reactivity: No (Pure / Solid)

Australian Hazchem Code: None allocated.  
 Poison Schedule: None allocated.

**WHMIS:**

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**Section 16 - Other Information**

**Label Precautions:**

None.

**Label First Aid:**

Not applicable.

**Personal Protective**

**Equipment:** Goggles, Lab Coat, Proper Gloves

**Disclaimer:** FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD OR HOUSEHOLD USE.

**Prepared By:** EHS&R Department

**Revision Notes:** New product

**Disclaimer:**

Please be advised that it is your responsibility to inform your employees of the hazards of this substance, to advise them of what these properties mean and be sure they understand exposure information.

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