Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Fire Hazard</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Potassium acetate

Catalog Number(s): P1170, P1171, P1188, PO155
CAS#: 127-08-2
RTECS: AJ3325000
TSCA: TSCA 8(b) inventory: Potassium acetate
CI#: Not available.

SPECTRUM CHEMICAL MFG. CORP.
14422 S. SAN PEDRO STREET
GARDENA, CA 90248

IN CASE OF EMERGENCY
CHEMTREC (24hr) 800-424-9300
CALL (310) 516-8000

Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWA (mg/m³)</td>
</tr>
<tr>
<td>1) Potassium acetate</td>
<td>127-08-2</td>
</tr>
</tbody>
</table>

Toxicological Data on Ingredients

Potassium acetate: ORAL (LD50): Acute: 3250 mg/kg [Rat].

Section 3. Hazards Identification

Potential Acute Health Effects
Hazardous in case of eye contact (irritant), of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

Potential Chronic Health Effects
CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
Repeated or prolonged exposure is not known to aggravate medical condition.
## Section 4. First Aid Measures

| **Eye Contact** | Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention. |
| **Skin Contact** | After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing. |
| **Serious Skin Contact** | Not available. |
| **Inhalation** | Allow the victim to rest in a well ventilated area. Seek immediate medical attention. |
| **Serious Inhalation** | Not available. |
| **Ingestion** | Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention. |
| **Serious Ingestion** | Not available. |

## Section 5. Fire and Explosion Data

| **Flammability of the Product** | May be combustible at high temperature. |
| **Auto-Ignition Temperature** | Not available. |
| **Flash Points** | Not available. |
| **Flammable Limits** | Not available. |
| **Products of Combustion** | These products are carbon oxides (CO, CO2). |
| **Fire Hazards in Presence of Various Substances** | Not available. |
| **Fire Fighting Media and Instructions** | SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. |
| **Special Remarks on Fire Hazards** | Not available. |
| **Special Remarks on Explosion Hazards** | Not available. |

## Section 6. Accidental Release Measures

| **Small Spill** | Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: **Neutralize the residue with a dilute solution of acetic acid.** Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. |
| **Large Spill** | Use a shovel to put the material into a convenient waste disposal container. **Neutralize the residue with a dilute solution of acetic acid.** Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. |
### Section 7. Handling and Storage

**Precautions**
- Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk. Evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.

**Storage**
- Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

### Section 8. Exposure Controls/Personal Protection

**Engineering Controls**
- Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection**

**Personal Protection in Case of a Large Spill**
- Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits**
- Not available.

### Section 9. Physical and Chemical Properties

**Physical state and appearance**
- Solid.

**Molecular Weight**
- 98.14 g/mole

**pH (1% soln/water)**
- 10 [Basic.]

**Boiling Point**
- Decomposes.

**Melting Point**
- 292°C (557.6°F)

**Critical Temperature**
- Not available.

**Specific Gravity**
- 1.57 (Water = 1)

**Vapor Pressure**
- Not applicable.

**Vapor Density**
- Not available.

**Vapor Threshold**
- Not available.

**Water/Oil Dist. Coeff.**
- Not available.

**Ionicity (in Water)**
- Not available.

**Dispersion Properties**
- See solubility in water.

**Solubility**
- Easily soluble in cold water.

### Section 10. Stability and Reactivity Data

**Stability**
- The product is stable.

**Instability Temperature**
- Not available.

**Conditions of Instability**
- Not available.

**Incompatibility with various substances**
- Not available.

*Continued on Next Page*
### Corrosivity
Non-corrosive in presence of glass.

### Special Remarks on Reactivity
Not available.

### Special Remarks on Corrosivity
Not available.

### Polymerization
No.

## Section 11. Toxicological Information

### Routes of Entry
Eye contact. Ingestion.

### Toxicity to Animals
Acute oral toxicity (LD50): 3250 mg/kg [Rat].

### Chronic Effects on Humans
Not available.

### Other Toxic Effects on Humans
Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

### Special Remarks on Toxicity to Animals
Not available.

### Special Remarks on Chronic Effects on Humans
Not available.

### Special Remarks on other Toxic Effects on Humans
Not available.

## Section 12. Ecological Information

### Ecotoxicity
Not available.

### BOD5 and COD
Not available.

### Products of Biodegradation
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

### Toxicity of the Products of Biodegradation
The products of degradation are more toxic.

### Special Remarks on the Products of Biodegradation
Not available.

## Section 13. Disposal Considerations

### Waste Disposal

## Section 14. Transport Information

### DOT Classification
Not a DOT controlled material (United States).

### Identification
Not applicable.

### Special Provisions for Transport
Not applicable.
**Potassium acetate**

### DOT (Pictograms)

![No DOT Pictograms](image)

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### Section 15. Other Regulatory Information and Pictograms

<table>
<thead>
<tr>
<th>Federal and State Regulations</th>
<th>TSCA 8(b) inventory: Potassium acetate</th>
</tr>
</thead>
<tbody>
<tr>
<td>California Proposition 65 Warnings</td>
<td>California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found. California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.</td>
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<tr>
<td>Other Regulations</td>
<td>Not available..</td>
</tr>
<tr>
<td>Other Classifications</td>
<td>WHMIS (Canada) Not controlled under WHMIS (Canada).</td>
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<tr>
<td></td>
<td>DSCL (EEC) R36- Irritating to eyes.</td>
</tr>
<tr>
<td>HMIS (U.S.A.)</td>
<td>National Fire Protection Association (U.S.A.)</td>
</tr>
<tr>
<td>Health Hazard</td>
<td>Health 2</td>
</tr>
<tr>
<td>Fire Hazard</td>
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</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>E</td>
</tr>
<tr>
<td>Flammability</td>
<td></td>
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<tr>
<td>Reactivity</td>
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<tr>
<td>Specific hazard</td>
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#### WHMIS (Canada) (Pictograms)

![WHMIS (Canada) Pictogram](image)

#### DSCL (Europe) (Pictograms)

![DSCL (Europe) Pictogram](image)

#### TDG (Canada) (Pictograms)

![TDG (Canada) Pictogram](image)

#### ADR (Europe) (Pictograms)

![ADR (Europe) Pictogram](image)

### Protective Equipment

- Gloves.
- Lab coat.
- Dust respirator. Be sure to use an approved/certified respirator or equivalent.

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## Section 16. Other Information

<table>
<thead>
<tr>
<th>MSDS Code</th>
<th>P4090</th>
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<tbody>
<tr>
<td>References</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other Special Considerations</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Validated by Sonia Owen on 1/20/2003.  
Verified by Sonia Owen.  

**Notice to Reader**

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.