MATERIAL SAFETY DATA SHEET
POTASSIUM ACETATE

1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Potassium acetate
Synonyms: Acetic acid, potassium salt, anhydrous
Company Identification: Sisco Research Laboratories Pvt. Ltd.
Andheri (East), Mumbai – 400 099.
Tel : +91 22 2687 2601
Fax : +91 22 2687 8241
Website : www.srlchem.com

2 - COMPOSITION, INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>%</th>
<th>EINECS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-08-2</td>
<td>Potassium acetate</td>
<td>99.5%</td>
<td>204-822-2</td>
</tr>
</tbody>
</table>

3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Not available

Potential Health Effects
Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: May cause irritation of the digestive tract.
Inhalation:
Chronic:

4 - FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion: Get medical aid. Wash mouth out with water.
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician:

5 - FIRE FIGHTING MEASURES

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.
6 - ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions.

7 – HANDLING AND STORAGE

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage: Store in a cool, dry place. Store in a tightly closed container.

8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 127-08-2:

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Crystalline powder
Color: white
Odor: odorless
pH: 7.0-9.0 (1% aq. sol.)
Molecular Formula: C2H3KO2
Molecular Weight: 98.14

10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Hygroscopic: absorbs moisture or water from the air.

Conditions to Avoid: Incompatible materials, exposure to moist air or water.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
11 - TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>RTECS#</th>
<th>CAS# 127-08-2: AJ3325000</th>
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<tbody>
<tr>
<td>LD50/LC50</td>
<td>RTECS:</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>CAS# 127-08-2: Oral, rat: LD50 = 3250 mg/kg;</td>
</tr>
<tr>
<td>Other</td>
<td>Acetic acid, potassium salt - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.</td>
</tr>
<tr>
<td>Other</td>
<td>See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated.</td>
</tr>
</tbody>
</table>

12 - ECOLOGICAL INFORMATION

| Other | Do not empty into drains. Biodegradable. |

13 - DISPOSAL CONSIDERATIONS

| Dispose of in a manner consistent with federal, state, and local regulations. |

14 - TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Shipping Name</th>
<th>IATA</th>
<th>IMO</th>
<th>RID/ADR</th>
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<tbody>
<tr>
<td>Hazard Class</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>UN Number</td>
<td>CAS# 127-08-2: 1</td>
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<tr>
<td>Packing Group</td>
<td>CAS# 127-08-2 is listed on Canada's DSL List</td>
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15 - REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>European/International Regulations</th>
<th>European Labeling in Accordance with EC Directives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Symbols</td>
<td>Not available</td>
</tr>
<tr>
<td>Risk Phrases</td>
<td>S 24/25 Avoid contact with skin and eyes.</td>
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<tr>
<td>Safety Phrases</td>
<td>WGK (Water Danger/Protection)CAS# 127-08-2:</td>
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<tr>
<td>Canada</td>
<td>CAS# 127-08-2 is listed on Canada's DSL List</td>
</tr>
<tr>
<td>US Federal</td>
<td>CAS# 127-08-2 is listed on the TSCA Inventory.</td>
</tr>
</tbody>
</table>

16 - ADDITIONAL INFORMATION

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