1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8KAC50-1
Product Name: Potassium Acetate, 50%
Trade Name: Potassium Acetate, 50%
Company Name: Compass Chemical International LLC
5544 Oakdale Road SE
Smyrna, GA 30082
Web site address: www.compasschemical.com
Emergency Contact: Chemtrec
24 Hour (404)696-6711
(678)904-4017
Phone Number:

Intended Use: Commercial Use

2. HAZARDS IDENTIFICATION

GHS Signal Word: None
GHS Hazard Phrases: No phrases apply.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.
OSHA Regulatory Status: This material is classified as not hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):
Inhalation: No hazard expected in normal industrial use.
Skin Contact: Mild irritation effect.
Eye Contact: May cause eye irritation.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. No hazard expected in normal industrial use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
<th>RTECS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-08-2</td>
<td>Potassium acetate (Acetic acid, potassium salt)</td>
<td>50 %</td>
<td>AJ3325000</td>
</tr>
</tbody>
</table>

Additional Chemical Information
4. FIRST AID MEASURES

Emergency and First Aid Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops get medical aid.

In Case of Ingestion: Get medical aid. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Note to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flammability Classification: non-flammable
Flash Pt: N.D.
Explosive Limits: LEL: N.D. UEL: N.D.
Autoignition Pt: N.D.

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. Not available.

Unsuitable Extinguishing Media: No information available.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

Flammable Properties and Hazards: No data available.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:
Steps To Be Taken In Case Material Is Released Or Spilled:
Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation.

Precautions To Be Taken in Storing: Store away from oxidizers. Store away from heat. Store in a cool, dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-08-2</td>
<td>Potassium acetate (Acetic acid, potassium salt)</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
</tbody>
</table>
Respiratory Equipment: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. Respirator protection is not normally required.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to minimize contact with skin.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling. Wash contaminated clothing before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical States</td>
<td>[ ] Gas [ X ] Liquid [ ] Solid</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Blue. Mild odor. Odor threshold: Unavailable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NA</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>NA</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>NE</td>
</tr>
<tr>
<td>Autoignition Pt.</td>
<td>N.D.</td>
</tr>
<tr>
<td>Flash Pt.</td>
<td>N.D.</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>LEL: N.D. UEL: N.D.</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>&gt;=1.280 at 60.0 F (15.6 C)</td>
</tr>
<tr>
<td>Density</td>
<td>&gt;=10.67 LB/GA at 60.0 F (15.6 C)</td>
</tr>
<tr>
<td>Bulk density</td>
<td>NP</td>
</tr>
<tr>
<td>Vapor Pressure (vs. Air or mm Hg)</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Density (vs. Air = 1)</td>
<td>NA</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>NA</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>complete at 25.0 C (77.0 F)</td>
</tr>
<tr>
<td>Saturated Vapor Concentration</td>
<td>NA</td>
</tr>
<tr>
<td>Viscosity</td>
<td>NA</td>
</tr>
<tr>
<td>Octanol/Water Partition Coefficient</td>
<td>unavailable</td>
</tr>
<tr>
<td>pH</td>
<td>10.5 - 11.5</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>~ 50.00 % by weight.</td>
</tr>
<tr>
<td>VOC / Volume</td>
<td>NP</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity: Not Established.
Stability: Instability:
Conditions To Avoid - Unstable [] Stable [X]
Incompatibility - Materials To Avoid:
Hazardous Decomposition or Byproducts: Carbon monoxide, None known.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information:
Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: No data available.
CAS# 127-08-2: Acute toxicity, LD50, Oral, Rat, 3250. MG/KG.
Result:
Behavioral: Convulsions or effect on seizure threshold.
Gastrointestinal: Hypermotility, diarrhea.
Nutritional and Gross Metabolic: Changes in: Body temperature increase.
CAS# 127-08-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

12. ECOLOGICAL INFORMATION

General Ecological Information:
Environmental: No information available.
Physical: No information available.
Other: Do not empty into drains.
Results of PBT and vPvB assessment:
CAS# 127-08-2:
LC50, Fathead Minnow (Pimephales promelas), 421.0 MG/L, 96 H, Mortality, Water temperature: 20.00 C (68.0 F) C, Hardness: 180.00 MG/L.
Result:
No loss of equilibrium observed.

Effective concentration to 50% of test organisms., Water Flea (Daphnia similis), neonate, 1.150 G/L, 48 H, Mortality, Water temperature: 20.00 C (68.0 F) C, Hardness: 44.00
Potassium Acetate, 50%

Result:
Morphological changes.

- Acute and Chronic Toxicity of Potassium Chloride (KCl) and Potassium Acetate (KC2H3O2) to Daphnia similis and Ceriodaphnia dubia (Crustacea; Cladocera), Utz, L.R.P., and M.B.C. Bohrer, 2001

Effective concentration to 50% of test organisms, Water Flea (Daphnia similis), neonate, 1.050 G/L, 48 H, Mortality, Water temperature: 20.00 °C (68.0 °F), Hardness: 44.00 MG/L.
Result: Morphological changes.

- Acute and Chronic Toxicity of Potassium Chloride (KCl) and Potassium Acetate (KC2H3O2) to Daphnia similis and Ceriodaphnia dubia (Crustacea; Cladocera), Utz, L.R.P., and M.B.C. Bohrer, 2001

Effective concentration to 0% of test organisms, Water Flea (Ceriodaphnia dubia), neonate, 0.300 G/L, 12 D, Reproduction, Water temperature: 25.00 °C (77.0 °F), Hardness: 44.00 MG/L.
Result: Morphological changes.

- Acute and Chronic Toxicity of Potassium Chloride (KCl) and Potassium Acetate (KC2H3O2) to Daphnia similis and Ceriodaphnia dubia (Crustacea; Cladocera), Utz, L.R.P., and M.B.C. Bohrer, 2001

Effective concentration to 0% of test organisms, Water Flea (Ceriodaphnia dubia), neonate, 0.600 G/L, 12 D, Growth, Water temperature: 25.00 °C (77.0 °F), Hardness: 44.00 MG/L.
Result: Morphological changes.

- Acute and Chronic Toxicity of Potassium Chloride (KCl) and Potassium Acetate (KC2H3O2) to Daphnia similis and Ceriodaphnia dubia (Crustacea; Cladocera), Utz, L.R.P., and M.B.C. Bohrer, 2001

Inhibition concentration to 25% of test organisms, Water Flea (Ceriodaphnia dubia), 54.50 MG/L, 6 - 7 D, Reproduction, Water temperature: 25.00 °C (77.0 °F); Aquatic Toxicity of Airfield-Pavement Deicer Materials and Implications for Airport Runoff, Corsi, S.R., S.W. Geis, G. Bowman, G.G. Failey, and T.D. Rutter, 2009

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.
RCRA U-Series: None listed.
14. TRANSPORT INFORMATION

GHS Classification: No GHS classifications apply.

LAND TRANSPORT (US DOT):
- DOT Proper Shipping Name: Not Regulated.
- DOT Hazard Class:
- UN/NA Number:

LAND TRANSPORT (Canadian TDG):
- TDG Shipping Name: Not Regulated.
- UN Number:
- Hazard Class: TDG Classification:

LAND TRANSPORT (European ADR/RID):
- ADR/RID Shipping Name:
- UN Number:
- Hazard Class:

MARINE TRANSPORT (IMDG/IMO):
- IMDG/IMO Shipping Name:
- UN Number: |N|
- Hazard Class:
- IMDG MFAG Number:
- IMDG EMS Page:

Additional Transport Information

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-08-2</td>
<td>Potassium acetate {Acetic acid, potassium salt}</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections as indicated:

<table>
<thead>
<tr>
<th>311/312 as indicated:</th>
<th>Acute (immediate) Health Hazard</th>
<th>Chronic (delayed) Health Hazard</th>
<th>Fire Hazard</th>
<th>Sudden Release of Pressure Hazard</th>
<th>Reactive Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Yes [X] No</td>
<td>[ ] Yes [X] No</td>
<td>[ ] Yes [X] No</td>
<td>[ ] Yes [X] No</td>
<td>[ ] Yes [X] No</td>
<td></td>
</tr>
</tbody>
</table>

Other US EPA or State Lists:
- CAA HAP, ODC: No
- CWA NPDES: No
- TSCA: Yes - Inventory; CA PROP.65: No

International Regulatory Lists:
- Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; China IECSC: Yes; Japan ENCS: Yes - (2)-692; Korea ECL: Yes - KE-29069; Philippines ICCS: Yes; Taiwan TCSCA: Yes; REACH: Yes - (R), (P)
Regulatory Information Statement:
Regulatory information provided in this SDS was prepared for this product and is to be used only for the product in its present form. If this material is used as a component in another material or altered in any way, the information in this SDS may no longer be applicable. This document was generated for the purpose of distributing health, safety and environmental data.

16. OTHER INFORMATION

Revision Date: 06/16/2015
Preparer Name: Compass EHS Department  (404)696-6711  4071

Hazard Rating System:  

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL</th>
<th>PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>G</td>
</tr>
</tbody>
</table>

HMIS: NFPA:  

Additional Information About This Product: SDS Data Field Acronym Legend:  
NA- Not Available  
NE- Not Established  
NP- Not Applicable  
NR- Not Required  
PR- Proprietary  
TS- Trade Secret.

Company Policy or Disclaimer:  
MANUFACTURER DISCLAIMER: NOTICE: We believe that the information contained on this Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily either all-inclusive or fully adequate in every circumstance. Also, these suggestions should not be confused with or followed in violation of applicable laws, regulation, rules or insurance requirements. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE.