1. Product and Company Identification

Product Code: 400037
Product Name: Sodium Acetate
Manufacturer Information
Company Name: Cayman Chemical Company
Emergency Contact: Cayman Chemical Company (800)364-9897
Information: Cayman Chemical Company (734)971-3335
Chemical Family: EIA - Other
CAS Number: 127-09-3
RTECS #: AJ4300010

2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components (Chemical Name)</th>
<th>CAS #</th>
<th>Percentage</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Acetic acid, sodium salt</td>
<td>127-09-3</td>
<td>100.0 %</td>
<td>5 mg/m3</td>
<td>10 mg/m3</td>
<td>No data.</td>
</tr>
</tbody>
</table>

3. Hazards Identification

Emergency Overview: No data available.
Route(s) of Entry: Inhalation? Yes  Skin? Yes  Eyes? Yes  Ingestion? Yes  Other: Injection
Potential Health Effects (Acute and Chronic):
Material is irritating to the mucous membranes and upper respiratory tract.
May be harmful by inhalation, ingestion, or skin absorption.
May cause eye, skin, or respiratory system irritation.
The toxicological properties of this compound have not been fully evaluated.
LD 50/LC 50: Please refer to Section 11.
Signs and Symptoms Of Exposure: Abdominal pain, nausea, vomiting.

4. First Aid Measures

Emergency and First Aid Procedures: If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.
In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

5. Fire Fighting Measures

Flash Pt: > 250.00 C  Method Used: TCC
Explosive Limits: LEL: No data.  UEL: No data.
Autoiontion Pt: 600.00 C
Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.
Flammable Properties and Hazards: Emits toxic fumes under fire conditions.
Extinguishing Media: Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.
Sodium Acetate
MATERIAL SAFETY DATA SHEET

6. Accidental Release Measures
Steps To Be Taken In Case Material Is Released Or Spilled:
Wear a government approved respirator and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).
Vacuum or sweep up material and place in disposal container.
Avoid raising dust.
After removal, ventilate contaminated area and flush thoroughly with water.

7. Handling and Storage
Hazard Label Information:
Avoid contact with skin and eyes. Do not reuse this container. Use with adequate ventilation.
Wash thoroughly after handling.
Precautions To Be Taken in Handling:
Avoid breathing (dust, vapor, mist, gas).
Avoid contact with eyes, skin, and clothing.
Avoid prolonged or repeated exposure.
Do not reuse this container.
Use with adequate ventilation.
Wash thoroughly after handling.
Precautions To Be Taken in Storing:
Keep tightly closed.
Store at correct temperature.

8. Exposure Controls/Personal Protection
Protective Equipment Summary - Hazard Label Information:
Eye wash station in work area Lab coat Latex disposable gloves Safety glasses Safety shower in work area Vent Hood
Respiratory Equipment (Specify Type):
No data available.
Eye Protection:
Safety glasses
Protective Gloves:
Latex disposable gloves
Other Protective Clothing:
Lab coat
Engineering Controls (Ventilation etc.):
Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
Work/Hygienic/Maintenance Practices:
Do not take internally.
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Wash thoroughly after handling.

9. Physical and Chemical Properties
Physical States: [ ] Gas [ ] Liquid [ X ] Solid
Melting Point: No data.
Boiling Point: No data.
Autoignition Pt: 600.00 C
Flash Pt: > 250.00 C Method: TCC
Explosive Limits:
Specific Gravity (Water = 1): No data.
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): No data.
Evaporation Rate (vs Butyl Acetate=1): No data.
Solubility in Water: No data.
Percent Volatile: No data.
Corrosion Rate: No data.
Formula: C2H3O2.Na
Molecular Weight: 82.00
pH: No data.
Sodium Acetate

MATERIAL SAFETY DATA SHEET

Appearance and Odor: A crystalline solid

10. Stability and Reactivity

Stability: Unstable [ ] Stable [ X ]

Conditions To Avoid - Instability: protect from moisture

Incompatibility - Materials To Avoid: strong oxidizing agents

Hazardous Decomposition Or Byproducts: carbon dioxide
                                               carbon monoxide

Hazardous Polymerization: Will occur [ ] Will not occur [ X ]

Conditions To Avoid - Hazardous Polymerization: No data available.

11. Toxicological Information

Toxicological Information: The toxicological effects of this compound have not been thoroughly studied.

Irritation data:
Skin (rabbit): 500 mg 24H mild irritation effect
Eyes (rabbit): 10 mg 24H mild irritation effect

Toxicity data:
Oral LD50 (rat): 3530 mg/kg
Inhalation LC50 (rat): >30,000 mg/kg
Oral LD50 (mouse): 6891 mg/kg
Subcutaneous LD50 (mouse): 3200 mg/kg
Skin LD50 (rabbit): >10,000 mg/kg

Chronic Toxicological Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here.
See actual entry in RTECS for complete information.

Carcinogenicity/Other Information: No data available.
Carcinogenicity: NTP? No    IARC Monographs? No    OSHA Regulated? No

12. Ecological Information

Ecological Information: Runoff from fire control or dilution water may cause pollution.

13. Disposal Considerations

Waste Disposal Method: Dispose in accordance with local, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name: No data available.

Additional Transport Information: Transport in accordance with local, state, and federal regulations.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)   CAS #    Sec.302 (EHS)    Sec.304 RQ    Sec.313 (TRI)    Sec.110
1. Acetic acid, sodium salt 127-09-3    No        No          No          No

US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)   CAS #    EPA CAA    EPA CWA NPDES    EPA TSCA    CA PROP 65
1. Acetic acid, sodium salt 127-09-3    No        No          No          No

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

Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
16. Other Information

For research use only, not for human or veterinary clinical use.

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