

# Material Safety Data Sheet

Sodium Acetate Anhydrous (RXSOL-67-6146-025)



## 1. Product and Company Identification

Product Name [Sodium Acetate Anhydrous](#)  
Part number [RXSOL-67-6146-025](#)

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / information on ingredients

| Chemical Name  | Concentration | CAS Number |
|----------------|---------------|------------|
| Sodium Acetate | 99-100 %      | 127-09-3   |

\*See Section 16

## 3. Hazards Identification

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Odour             | Odourless. or Slight                                                              |
| Appearance        | White Powder / Granular                                                           |
| Contact with eyes | Irritation /damage to eyes.                                                       |
| Contact with skin | Mildly irritating to skin.                                                        |
| Inhalation        | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.     |
| Ingestion         | The ingestion of significant quantities may cause gastro-intestinal disturbances. |

## 4. First Aid Measures

|                   |                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------|
| Contact with skin | Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water  |
| Contact with eyes | If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Seek medical advice |
| Ingestion         | Never give anything by mouth to an unconscious person. Give plenty of water to drink. Seek medical advice if necessary |
| Inhalation        | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract. Remove patient to fresh air              |
| General           | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)       |

## 5. Fire-fighting Measures

**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, CO<sub>2</sub>).

**Fire Hazards in Presence of Various Substances:** Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

**Explosion Hazards in Presence of Various Substances:** Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: 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:** Combustible when exposed to heat or flame.

**Special Remarks on Explosion Hazards:** Not available.

## 6. Accidental Release Measures

|                           |                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------|
| Personal Precautions      | Wear protective clothing as per section 8.                                                         |
| Environmental Precautions | No special precautions are required for this product.                                              |
| Immediate Actions         | Shut off source of leak if safe to do so.                                                          |
| Clean Up Actions          | Absorb spillage in suitable inert material.<br><br>Flush spill area with copious amounts of water. |
| Special Precautions       | Wear protective clothing as per section.                                                           |

## 7. Handling and Storage

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling | 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. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids. |
| Storage  | Keep only in the original container in a cool, well ventilated place (S3/9/49) Protect from frost                                                                                                                                                                                                                                                                                                                                                                               |

## 8. Exposure controls and personal protection

|                                            |                                                                                                                                                                                                                                                                                 |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure Limits                            | There are no recommended or established controls for this product                                                                                                                                                                                                               |
| Exposure controls                          | No special ventilation is required unless the product is used as flow blower                                                                                                                                                                                                    |
| Occupational exposure controls             | No respiratory protection is required unless subject to contact with substance mist Wear suitable protective clothing, including eye/face protection and gloves(plastic or rubber are recommended)                                                                              |
| Engineering Control                        | 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 in case of Large spill | 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.                    |



## 9. Physical and chemical properties

|                               |   |                                        |
|-------------------------------|---|----------------------------------------|
| Physical state and appearance | : | Solid. (Granular, crystalline powder.) |
| Odour                         | : | Odourless to acetic (Slight.)          |
| Colour                        | : | White                                  |
| Taste                         | : | Not Available                          |
| Molecular Weight              | : | 82.03 g/mole                           |
| pH (1% soln/water)            | : | 10-11                                  |
| Boiling Point                 | : | Not Available                          |
| Melting Point                 | : | 324°C (615.2°F)                        |
| Critical Temperature          | : | Not Available                          |
| Specific Gravity              | : | 1.528 (Water = 1)                      |
| Vapour Density                | : | Not Available                          |
| Vapour Pressure               | : | Not Available                          |
| Volatility                    | : | Not available.                         |
| Odor Threshold                | : | Not available.                         |
| Ionicity (in Water)           | : | Not Available                          |

|            |                                          |
|------------|------------------------------------------|
| Solubility | Easily soluble in cold water, hot water. |
|------------|------------------------------------------|

## 10. Stability and reactivity

|                                         |                                                                                                                                                                                                                                        |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stability                               | : The product is stable.                                                                                                                                                                                                               |
| Instability Temperature                 | : Not Available                                                                                                                                                                                                                        |
| Conditions of Instability               | : Excess heat, incompatible materials, moisture.                                                                                                                                                                                       |
| Incompatibility with various substances | : Reactive with oxidizing agents, acids.                                                                                                                                                                                               |
| Corrosivity                             | : Non-corrosive in presence of glass.                                                                                                                                                                                                  |
| Special Remarks on Reactivity           | : Hygroscopic; keep container tightly closed. Incompatible (violent reaction) with fluorine diketene, potassium nitrate. Also incompatible with nitric acid. Emits fumes of acetic acid upon heating and on contact with strong acids. |
| Special Remarks on Corrosivity          | : Not Available                                                                                                                                                                                                                        |
| Polymerization                          | : Will not occur                                                                                                                                                                                                                       |

## 11. Toxicological information

|                                        |                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Routes of Entry                        | Inhalation. Ingestion.                                                                                                                                                                                                                                                                                                                  |
| Inhalation                             | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.                                                                                                                                                                                                                                                           |
| Toxicity to Animals                    | WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 3530 mg/kg [Rat]. Acute dermal toxicity (LD50): >10000 mg/kg [Rabbit]. Acute toxicity of the dust (LC50): >30000 mg/m 1 hours [Rat]. 3                                                                                  |
| Chronic Effects on Humans              | Not Available                                                                                                                                                                                                                                                                                                                           |
| Other Toxic Effects on Humans          | Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).                                                                                                                                                                                                                                   |
| Special Remarks on Toxicity to Animals | Not Available                                                                                                                                                                                                                                                                                                                           |
| Acute Potential Health Effects         | Skin: May cause skin irritation. Eyes: May cause eye irritation. Ingestion: May cause digestive tract irritation with abdominal pain, nausea, and vomiting. May affect behavior, and urinary system. Inhalation: May cause respiratory tract irritation. Symptoms may include coughing, sore throat, labored breathing, and chest pain. |

## 12. Ecological information

|                                                   |                                                                                                                                                                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity                                       | Not Available                                                                                                                                                                                                                       |
| Mobility                                          | Completely soluble in water                                                                                                                                                                                                         |
| Persistence and Biodegradability                  | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic. |
| BOD5 and COD                                      | Not Available                                                                                                                                                                                                                       |
| Special Remarks on the Products of Biodegradation | Not Available                                                                                                                                                                                                                       |

### 13. Disposal considerations

|                         |                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| Classification          | Not Classified                                                                                           |
| Disposal considerations | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |

### 14. Transport information

- Not classified as hazardous for transport

### 15. Regulatory information

**Federal and State Regulations:** TSCA 8(b) inventory: Sodium acetate anhydrous

**Other Regulations:** EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

DSCL (EEC):

This product is not classified according to the EU regulations. Not applicable.

**HMIS :**

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

**National Fire Protection Association :**

Health: 2

Flammability: 1

Reactivity: 0

**Specific hazard:**

**Protective Equipment:**

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

### 16. Other information

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