Material Safety Data Sheet

Sodium Acetate CH3COONa (RXSOL-42-6146-050)

1. Product and Company Identifaction

Product Name	**Sodium Acetate Anhydrous**
Part number	RXSOL-67-6146-025

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon 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, CO2).
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.
	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 wth 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 Avaialble

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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