

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Tel: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

Effective Date: 12/22/94

Product Name: Sodium Acetate Anhydrous

Chemical Formula: CH₃COO Na

CAS No.: 127-09-03

Hazardous Ingredients: N/A

Physical Data:

Melting point (range) Approx.:	324□C
Boiling point:	N/A
Decomposition temperature:	N/A
pH (value at 10g/LH ₂)	8-0-9-0
Solubility in water	(25°C) 101.6 g/100 ml (100°C) 170.2 g/100 ml
Odor:	Odorless
Physical form:	White Powder Agglomerate
Tap density:	N/A

Fire and Explosion Information:

Flash point:	250□C
(Auto) Ignition temperature:	N/A
Extinguishing media to be recommended:	Water, CO ₂ , dry chemical extinguisher, and foam.
to be avoided:	N/A
Special fire and explosions precautions:	Wear full protective clothing and NIOSH/MSHA-approved, positive pressure, self-contained breathing apparatus. Thoroughly wash all equipment after use.
Fire and explosions hazards:	None

Reactivity Data: **Stable** X **Unstable**

Hazardous Decomposition: None listed.

Hazardous Polymerization: None listed.

Incompatibilities: None known.

Handling and Storage Information:

Sodium Acetate is hygroscopic. Store in a cool, dry area.

Transportation: Sodium Acetate is not a DOT regulated material.

Leak/Spill Information:

If material is released or spilled, cordon off spill area. Shovel or sweep up dry materials. Wash spill area thoroughly

with water. Take proper precautions to minimize exposure by using appropriate personal protective equipment.

Disposal Information:

All wastes containing the compound should be specially contained, properly labeled, and stored separately from other facility waste discharges. Dispose of any waste residues according to prescribed Federal, State and Local guidelines, e.g., appropriately permitted chemical landfill or appropriate permitted chemical waste incinerator. Rinse waters resulting from spill cleanups should be discharged to appropriately permitted municipal or on-site

waste water treatment facilities. Disposal methods should be used which prevent human exposure to waste residues. For example, if liquid wastes are sewerred, ensure that there will not be any chance for humans to be exposed to the undiluted or active waste residues. Water may be used to dilute the waste residues.

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Health Hazard Information:

A. Exposure/Health Effects

Carcinogenicity: This chemical has not been tested for its carcinogenic potential and is not listed by NTP, IARC or OSHA as a carcinogen.

Chronic Exposures: No data is available on the long-term effects from repeated exposures.

Aggravation of pre-existing conditions: No known or reported.

B. First Aid:

Inhalation: Remove from the source of exposure. Provide oxygen and/or CPR if necessary. Contact supervisor and physician immediately.

Ingestion: Wash out mouth with water, give water, obtain medical attention.

Skin Contact: Remove any contaminated clothing. Wash thoroughly with soap and water. Flush contaminated area with copious amounts of water for a minimum of 15 minutes. Contact supervisor.

Eye Contact: Immediately flush eyes gently with copious amounts of water for a minimum of 15 minutes. Use fingers to assure that eyelids are separated and that eye is being irrigated. Contact supervisor and physician immediately.

C. Toxicity Data

LD 50 orally in rats: 3530 mg/kg (Who 1974). Acceptable daily intake not limited.

Occupational Exposure Limit:

No level has been established by OSHA, NIOSH or ACGIH for Sodium Acetate.

Ventilation Systems: Standard ventilation is recommended.

Personal Respirators: (Niosh Approved) For dust-generating procedures an air purifying respirator with NIOSH/MSHA approval for dusts and mists is the minimum respiratory protection required.

Skin Protection: Rubber gloves are recommended to minimize potential for skin contact.

Eye Protection: In dusty environment wear chemical goggles. The choice of protection should be appropriate to the task being performed.
