

## Safety Data Sheet (SDS)

7/29/2024: File reviewed, more current MSDS/SDS not available. CAS

**SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

## Sodium Acetate

Signal Word  
**WARNING**

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

Chemtrec Emergency Phone Number: (800) 424-10280

Pictograms

**SECTION 2 — HAZARDS IDENTIFICATION**

Hazard class: Acute toxicity, oral (Category 5). May be harmful if swallowed (H303).

Hazard class: Skin corrosion or irritation (Category 3). Causes mild skin irritation (H316).

Hazard class: Serious eye damage or irritation (Category 2B). Causes eye irritation (H320).

**SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS**

Component Name	CAS Number	Formula	Formula Weight	Concentration
Sodium acetate, anhydrous	127-09-3	CO <sub>2</sub> CH <sub>3</sub> Na	82.03	

**SECTION 4 — FIRST AID MEASURES**

Call a POISON CENTER or physician if you feel unwell (P312).

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists eyes:** Get medical advice or attention (P337+P313).**If on skin:** Wash with plenty of water. **If skin irritation occurs:** Get medical advice or attention (P332+P313).**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.**SECTION 5 — FIRE FIGHTING MEASURES**

Combustible solid.

NFPA Code

Autoignition Temperature: 607 °C Flash point: 250 °C  
When heated to decomposition, may emit toxic fumes.  
In case of fire: Use a tri-class dry chemical fire extinguisher.

None established

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## SECTION 6 — ACCIDENTAL RELEASE MEASURES

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Do not allow solid to become airborne. Ventilate area. Wipe up, place in sealed bag or container and dispose. Wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

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## SECTION 7 — HANDLING AND STORAGE

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Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates.

Hygroscopic. Store in Flinn Chem-Saf™ bag

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## SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

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Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264).

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## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

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Colorless crystals. Faint vinegar odor.	Boiling point: 881.4 °C
Soluble: Water. Moderately in alcohol	Melting point: 328 °C
	pH: 9.25
	Specific gravity: 1.528 (anhydrous)

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## SECTION 10 — STABILITY AND REACTIVITY

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Avoid strong oxidizers and ignition sources.

Shelf life: Fair to poor, hygroscopic. See Section 7 for further information.

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## SECTION 11 — TOXICOLOGICAL INFORMATION

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Acute effects: Irritant	ORL-RAT LD <sub>50</sub> : 3530 mg/kg
Chronic effects: N.A.	IHL-RAT LC <sub>50</sub> : greater than 30 g/m <sup>3</sup>
Target organs: G.I. system	SKN-RBT LD <sub>50</sub> : greater than 10 mg/kg

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## SECTION 12 — ECOLOGICAL INFORMATION

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Freshwater Fish Species Data: 24 Hr LC<sub>50</sub> Lepomis macrochirus: 5000 mg/L Water Flea Data: 48 Hr EC<sub>50</sub> water flea: 5800 mg/L

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## SECTION 13 — DISPOSAL CONSIDERATIONS

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Please review all federal, state and local regulations that may apply before proceeding.

Flinn Suggested Disposal Method #26a is one option.

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## SECTION 14 — TRANSPORT INFORMATION

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Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

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## SECTION 15 — REGULATORY INFORMATION

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TSCA-listed, EINECS-listed (204-823-8).

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## SECTION 16 — OTHER INFORMATION

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OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

N.A. = Not available, not all health aspects of this substance have been fully investigated.

N/A = Not applicable

**Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.**

**Revision Date:** January 16, 2014

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