



SDS #: 700.05

Revision Date: January 16, 2014

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## Safety Data Sheet (SDS)

### 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.

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.

NFPA Code  
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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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.**

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