FLINN SCIENTIFIC

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Revision Date: March 27, 2014
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Sodium Acetate Trihydrate Safety Data Sheet (SDS)

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Sodium Acetate Trihydrate

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261
Chemtrec Emergency Phone Number: (800) 424-10279
Signal Word
WARNING
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).

Pictograms

SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Sodium acetate trihydrate	6131-90-4	$NaC_2H_3O_2 \cdot 3H_2O$	136.08	

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
SECTION 6 — ACCIDENTAL RELEASE MEASURES
Do not allow solid to become airborne. Ventilate area. Wipe up with damp towel, and place in sealed bag or container and dispose. Wash spill site after material pickup is complete. See Sections 8 and 13 for further information.
SECTION 7 — HANDLING AND STORAGE
Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates.
Efflorescent in warm air. Store in a cool, dry place within a Flinn Chem-Saf™ bag.
SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION
Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264).
SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES
Colorless crystals. Faint vinegar odor.
Soluble: Water. Slightly in alcohol

Boiling point: 122 °C
Melting point: 58 °C
pH: 9.25
Specific gravity: 1.45

SECTION 10 — STABILITY AND REACTIVITY
Avoid strong oxidizers and ignition sources.
Shelf life: Fair to poor, efflorescent in warm air. See Section 7 for further information.
SECTION 11 — TOXICOLOGICAL INFORMATION
Acute effects: Irritant
Chronic effects: N.A.
Target organs: G.I. system

ORL-RAT LD_{50}: 3530 mg/kg
IHL-RAT LC_{50}: greater than 30 g/m^3
SKN-RBT LD_{50}: greater than 10 mg/kg

SECTION 12 — ECOLOGICAL INFORMATION
Freshwater Fish Species Data: 24 Hr LC_{50} Lepomis macrochirus: 5000 mg/L Water Flea Data: 48 Hr EC50 water flea: 5800 mg/L
SECTION 13 — DISPOSAL CONSIDERATIONS
Please review all federal, state and local regulations that may apply before proceeding.
Flinn Suggested Disposal Method #26a is one option.

SECTION 14 — TRANSPORT INFORMATION

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

SECTION 15 — REGULATORY INFORMATION

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

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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