



ALDON CORPORATION

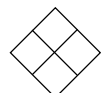
MATERIAL SAFETY DATA SHEET

221 Rochester Street
Avon, New York 14414-9409
(585) 226-6177

MSDS No.: SS0233
Effective Date: January 1, 2007

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Sodium Acetate, Trihydrate
Chemical Synonyms	Sodium Acetate, Trihydrate
Formula	NaC ₂ H ₃ O ₂ •3H ₂ O
Unit Size	up to 2.5 Kg.
C.A.S. No.	6131-90-4



CHEMTREC
800-424-9300
Day 585-226-6177

Health	1
Fire	0
Reactivity	0

NFPA

HAZARD RATING				
MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE
0	1	2	3	4

HMIS*

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium acetate, trihydrate	100%	See Section V.

CAUTION! CONTACT CAUSES IRRITATION TO

SKIN, EYES AND MUCOUS MEMBRANES.

SECTION III PHYSICAL DATA

Melting Point (°F)	Loses water @ 120°C (248°F)	Specific Gravity (H ₂ O = 1)	1.45
Boiling Point (°F)	Decomposes @ 324°C (615°F)	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	125 grams/100 mL.		
Appearance & Odor	White crystals; slight acetic acid odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-volatile solid.	Flammable Limits in Air % by Volume	Unknown	Lower	Upper
Extinguisher Media	Water spray; dry chemical (ABC); carbon dioxide (CO ₂); alcohol foam.				

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Auto-ignition temperature: 611°C (1132°F). (anhydrous)

UNUSUAL FIRE AND EXPLOSION HAZARDS

May leave a caustic residue of sodium oxide, which may burn eyes, skin, clothing, fire hose, etc. Also damaging to electrical equipment. Can react vigorously with oxidizing materials. Avoid dispersion of dust to reduce potential explosion hazard.

SECTION V HEALTH HAZARD DATA SS0233

Threshold Limited Value None established. (ACGIH 2001). Toxicity Data: 500 mg/24 hours Skin Rabbit mild irritation; 10 mg Eye-Rabbit mild irritant; 3530 mg/kg Oral-Rat LD50.

Effects of Overexposure **INHALATION:** Dust may cause irritation with coughing and shortness of breath. **SKIN:** May cause irritation after acute exposure. **EYES:** Contact may cause mild irritation. **INGESTION:** Acute ingestion may cause abdominal pain and vomiting. Exercise appropriate procedures to minimize potential hazards. Target organs: None known.

Emergency and First Aid Procedures **INGESTION:** Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidants, potassium nitrate, nitric acid, fluoride and diketene.

Hazardous Decomposition Products Emits fumes of acetic acid upon heating above 120°C (248°F).

Hazardous Polymerization	Conditions to Avoid	
	May Occur	Will Not Occur
		X

Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Recover for use if not contaminated. Wear protective safety equipment and use adequate ventilation. Avoid making dust. Sweep up and place in a suitable container for disposal. Wash spill area with and soap and water.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dissolve in water and flush to sewer with copious amounts of water or dispose of in an approved incinerator.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None should be needed in normal laboratory use. If dusty conditions prevail, wear a NIOSH/MSHA-approved dust mask or work in a ventilation hood.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Goggles, smock, apron, ventilation hood, proper gloves, and eye wash station.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Hygroscopic. Store in a cool, dry, well-ventilated area away from sources of heat and ignition. Use with adequate ventilation. Wash thoroughly after handling.
Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Avoid contact with skin, eyes and mucous membranes. Remove and wash contaminated clothing.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

Revision No. 5 Date 01/01/07 Approved James A. Bertsch Chemical Safety Coordinator JAB

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