



MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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(716) 226-6177

MSDS No. SS 232
Effective Date June 26, 1998

SECTION V HEALTH HAZARD DATA

Threshold Limited Value None established for this solution.

Effects of Overexposure **INHALATION:** Vapors 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.

Emergency and First Aid Procedures **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink. If discomfort or illness develops, get medical attention. Never give anything by mouth to an unconscious person. **SKIN:** Flush with water, then wash with mild soap and water. **EYES:** Flush thoroughly with water for 15 minutes, lifting upper and lower eyelids occasionally. 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, particularly Potassium Nitrate, Nitric acid.

Hazardous Decomposition Products Carbon dioxide and carbon monoxide.

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 Absorb with inert dry material. Scoop up and place in container for proper disposal.

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.

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.

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

Protective Gloves Not generally required. **Eye Protection** Chemical safety glasses.

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

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place away from strong oxidizing materials. 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.

Avoid contact with skin and eyes.
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 1	Date 06/26/98	Approved Michael Raszeja	Chemical Safety Coordinator MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	SODIUM ACETATE, 0.1M Solution	<p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>1</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	1	Fire	0	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
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Chemical Synonyms	Sodium Acetate Water Solution																	
Formula	Mixture																	
Unit Size	up to 5 Lt																	
C.A.S. No.	Mixture																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium Acetate, Anhydrous (CAS No.127-09-3)	8.2%	See Section V.
Water: (CAS No. 7732-18-5)	91.8%	None established

CAUTION! CONTACT CAUSES IRRITATION TO SKIN, EYES AND MUCOUS MEMBRANES.

SECTION III PHYSICAL DATA

Melting Point (°F)	0°C (32°F)	Specific Gravity (H₂O = 1)	Approx. 1.0
Boiling Point (°F)	100°C (212°F)	Percent Volatile by Volume (%)	91.8%
Vapor Pressure (mm Hg)	14 (Water)	Evaporation Rate (Water = 1)	Approx. 1.0
Vapor Density (Air=1)	7 (Water)		
Solubility in Water	Complete		
Appearance & Odor	Clear liquid with slight acetic acid odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media Water spray; dry chemical (ABC); carbon dioxide (CO₂); standard 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.

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.

D.O.T. NON-REGULATED

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