

PL**MATERIAL SAFETY DATA SHEET**

Precision Laboratories, Inc.

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MSDS No.:

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SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Lead Acetate Test Paper
Chemical Synonyms	None.
Formula	Mixture.
Unit Size	Each.
C.A.S. No.	Mixture.

1 3 0	CHEMTREC 800-424-8900 Day 585-226-6177	Health	3	
	NFPA	Fire	1	
HAZARD RATING		Reactivity	D	
0	1	HMIS*		
0	1	MODERATE	SEVERE	EXTREME
0	1	2	3	4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Lead Acetate, Trihydrate (CAS # 6089-56-4)	< 1%	See Section V.
DANGER! POISON		
MAY BE FATAL IF SWALLOWED. SUSPECTED CARCINOGEN.*		

SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	N/A
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (Water = 1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	N/A		
Appearance & Odor	White paper strips; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Approx. 454°F (paper)	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray; carbon dioxide; dry chemical.				

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus.

(1993 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.6, GUIDE PAGE NO. 59)

UNUSUAL FIRE AND EXPLOSION HAZARDS

When burned, emits toxic fumes of lead.

* RTECS Ref: O68050000

Carcinogen Review: Animal positive.

Cause: hazard based on tests with laboratory animals.

D.O.T. Non Regulated.

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

SECTION V HEALTH HAZARD DATA

Threshold Limited Value None established for Lead Acetate. (ACGIH 1992-93). TWA for Lead [CAS No. 7439-92-1], inorganic dust and fumes, as Pb 0.15 mg/m³.

Effects of Overexposure **INHALATION AND INGESTION:** Acute effects are weakness, fatigue, sleep disturbance, headache, aching bones and muscles, abdominal pains, constipation and decreased appetite. Chronic effects include anemia, pallor, blue "lead line" on the gums, severe headache, convulsions, coma, delirium, kidney injury and possible death.

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)		Acids, strong oxidizers.	
Hazardous Decomposition Products		When burned, emits toxic fumes of lead, carbon dioxide and/or carbon monoxide.	
Hazardous Polymerization		Conditions to Avoid	
May Occur	Will Not Occur	Not applicable.	
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Recover for use. Place in a suitable container. Dispose of in an approved chemical landfill. Wash spill area well with 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.
Dispose of in an approved chemical landfill or contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory handling.			
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves	Rubber.		Eye Protection	Chemical safety goggles.
Other Protective Equipment	Smock, eye wash station, goggles, proper gloves.			

SECTION IX SPECIAL PRECAUTIONS

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

Wash thoroughly after handling.

Revision No. 2 | Date 11/13/03 | Approved Michael Raszeja | Chemical Safety Coordinator | MR

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