

# MATERIAL SAFETY DATA SHEET (MSDS)

EM Science  
M A T E R I A L   S A F E T Y   D A T A   S H E E T

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Section I   Product Identification and Use  
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<b>Manufacturer:</b>	<b>For More Information Call</b>
EM SCIENCE	856-423-6300 Technical Service
A Division of EM Industries	Monday - Friday; 8:00 AM to 5:00 PM
P.O. Box 70	<b>In Case of Emergency Call</b>
480 Democrat Road	800-424-9300 CHEMTREC (USA)
Gibbstown, N.J. 08027	416-201-6383 CANUTEC (Canada)
	24 Hours/Day: 7 Days/Week

**Product Name:** Lead tetra-acetate  
**Product Code(s):** B29050,  
**Chemical Name/Other Name:** Lead tetra-acetate; lead (iv) acetate  
**Chemical Formula:**  $(\text{CH}_3\text{COO})_4\text{Pb}$   
**Chemical Family:** Aliphatic hydrocarbons  
**TDG Shipping Name/UN:** Lead acetate UN 1616  
**TDG Classification/Packing group:** 6.1 PG III  
**Use:** Laboratory reagent

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Section II Hazardous Ingredients  
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Chemical name	CAS No.	%
Lead tetra-acetate	546-67-8	100

**LEL:** 4.0 %

**Autoignition Temperature:** 426°C

**Hazardous Combustion Products:** PbO<sub>2</sub>, CO<sub>x</sub>, CH<sub>3</sub>COOH

**Explosion data - sensitivity to mechanical impact:** No

- **sensitivity to static discharge:** No

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**Section V Reactivity Data**

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**Conditions of instability:** Turns pink in contact with air. Decomposes with water

**Incompatibilities:** Strong oxidizers, strong acids and strong reducing agents

**Conditions of reactivity:** Normally stable

**Hazardous decomposition products:** PbO<sub>2</sub>, CH<sub>3</sub>

breathing has stopped, trained personnel should begin artificial respiration, or if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Seek medical attention.

**Ingestion:** Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Do not induce vomiting. Have victim drink 200-400 ml of water to dilute. If breathing has stopped, trained personnel should begin artificial respiration, or if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Seek medical attention.

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### Section VIII Preventive Measures

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**Engineering Controls:** Engineering control methods to reduce hazardous exposures are preferred. Methods include mechanical ventilation (dilution and local exhaust), process or personnel enclosure, control of process conditions, and process modification. Administrative controls and personal protective equipment may also be required.

**Personal protective equipment:**

-**gloves:** Rubber, nitrile, neoprene , PVC

-**respiratory protection:** Dust mask, approved respirator as appropriate

-**eye protection:** Chemical safety goggles

-**clothing:** Plastic apron, sleeves and boots as appropriate

**Storage Requirements:** Store in suitable labelled containers. Keep containers tightly closed when not in use and when empty. Protect from damage. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store away from incompatible materials. Store away from ignition sources.

**Handling Procedures and Equipment:** Keep away from materials that can burn. Avoid generating dust. Follow routine safe handling procedures.

**Leak or Spill Clean-up:** Before dealing with spillages take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. Transfer carefully into container and arrange removal by disposal company.

**Disposal:** Follow all federal, provincial and local regulations for disposal. Use only licensed disposal and waste hauling companies. Disposal of small amounts of spilled material may be handled as described under "Leak or Spill Cleanup". Large spills must be dealt with separately and must be handled by qualified disposal companies.

**Special Shipping Information:** Follow all TDG regulations and see classification in Section I

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### Section IX Preparation Information

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Gibbstown, NJ  
(856) 423-6300

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SEPT 22, 1997; Sep 28, 2000

**WHMIS Classification: B4, D1B, D2B**

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