

AERCHEM INC.
320 North Walnut
Bloomington, IN 47404

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 7/31/96
Product Name: Lead Acetate
Molecular Formula: (CH3COO)2Pb 3H2O
CAS No.: 6080-56-4

SECTION 2: HAZARDOUS INGREDIENTS: Lead Acetate, Trihydrate

SECTION 3: PHYSICAL DATA

Odor: N/A
Appearance: white solid
Melting point: 75°C
Boiling point: 200°C
Decomposition temperature: 200°C
pH (depends on quality): N/A
Solubility in water: appreciable(>10%)
Specific gravity (water = 1) 2.55
Vapor density: N/A
Vapor pressure: N/A

SECTION 4: FIRE AND EXPLOSION DATA

Flash point: N/A
Flammable limit: N/A
Flammability: N/A
Extinguishing media: use media appropriate for surrounding fire.
Fire fighting procedures: Self-contained breathing apparatus, full face piece operated in positive pressure mode. Move containers from fire if possible and keep fire-exposed containers cool with water.
Unusual fire and explosions hazards: Closed containers exposed to heat may explode. NOTE: decomposes at boiling point.

SECTION 5: REACTIVITY DATA

Stable X Unstable _____
Decomposition byproducts: Lead fumes, CO, CO2
Incompatibilities/Condition to Avoid: Air, strong acids or bases, strong oxidizing agents.
Hazardous Polymerization: will not occur.

SECTION 6: HEALTH HAZARD DATA

Toxicity: LD 50: 200 mg/kg in rats
Route of Entry: Ingestion, inhalation, eye contact, skin contact, absorption
Permissible Exposure limits:
TWA: 0.15 mg/m³
TLV: same as lead, inorganic dusts and fumes.

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: wear self-contained breathing apparatus and full protective clothing. With a clean shovel, carefully place material into clean, dry container and cover. Remove from area. Flush spill area with water.

Disposal: Dispose of in accordance with federal, state, and local environmental regulations.

EPA HAZAROUS WASTE NUMBER: U144(TOXIC WASTE)

SECTION 8: FIRST AID PROCEDURES

Eye Contact: Immediately flush with water for at least 15 minutes.
Skin Contact: flush with water
Inhalation: remove to fresh air. If not breathing, give artificial respiration; if breathing is difficult, give oxygen. PROMPT ATTENTION IS CRUCIAL.
Ingestion: Call physician immediately. If conscious, give large amounts of water and induce vomiting.

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SECTION 9: HANDLING AND STORAGE INFORMATION: Keep container tightly closed. Store in secure poison area. Isolate from incompatible materials.

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: Use general or local exhaust to meet TLV requirements.

Skin Protection: Uniform apron, rubber gloves.

Eye Protection: Safety goggles

Respiratory Protection: none required where adequate ventilation exists.

Other:

SECTION 11: TRANSPORT INFORMATION

DOT Classification: UN1616

SECTION 12: OTHER REGULATORY INFORMATION

Federal and State regulations:

WHMIS (Canada): N/A

DSCL (EEC): N/A

HMIS (USA): Health: 3(Cancer), Flammability: 0, Reactivity: 0, Contact: 1