

Section 3. Composition / information on ingredients

Chemical or common name:	Lead(II) acetate
Single Substance or Compound:	Single substance
Chemical formula:	Pb(CH ₃ COO) ₂
Composition:	100%
CAS #:	301-04-2
RTECS#:	AI5250000
TSCA inventory :	listed
EINECS:	2061044

(See Section 8 for **Exposure Limits**)

Section 4. First aid measures

Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
Skin contact:	Promptly flush contaminated skin with soap or mild detergent and water. Contact physician if irritation continues.
Inhalation:	Remove the exposed person immediately and provide fresh air. Get medical attention.
Ingestion:	Rinse mouth and throat with water. Get medical attention immediately.

Section 5. Fire fighting measures

Extinguishing media:	This product cannot catch fire. Use media appropriate for surrounding fire.
Fire fighting:	The product is nonflammable. But in case of fire, may liberate toxic gases/ fume. Self-contained breathing apparatus and full protective clothing should be used, if the material is involved in fire.
Specific hazards arising from the chemical:	No data available.

Section 6. Accidental release measures

Personal Precautions:	Workers should use protective wears to prevent contact with the spilt adhesive and inhalation of its vapor/dusts.
Environmental hazard precautions:	Shut off leak if without risk. Prevent flow out to river, etc. so as not to badly affect.
Method for containment and cleaning up:	Avoid unnecessary contacts with spills. Indoor leakage: Ventilate as much as possible until the cleaning is completed. Outdoor leakage: Work from the windward and evacuate the leeward crowd. Gather up, pack in closed DOT-approved waste container as much as possible. Carefully collect remnant and move to a safe place.

Section 7. Handling and storage

Precautions to be taken in handling:	
Safe handling:	Use protective wears and local ventilation equipment, if inhalation or skin contact is foreseen. Avoid prolonged or repeated exposure.

Precautions to be taken in storage:

General precautions: Store in a cool, dry place away from incompatible materials.
Keep container or bottle tightly closed.

Section 8. Exposure controls / personal protection

Exposure guideline:		ACGIH(2013) TLV mg/m ³		OSHA(2006)
	Chemical Name	TWA	STEL	PEL-TWA mg/m ³
	Lead inorganic compounds (as Pb)	0.05	—	0.05

Facility measures: Local ventilation of closed work room or total proper ventilation to prevent inhalation.

Protective ware: Wear appropriate NIOSH/MSHA-approved respirator, safety goggles, face shields, protective gloves

Section 9. Physical and chemical properties

Color and Form:	white solid
Chemical formula:	Pb(CH ₃ COO) ₂
Formula weight:	325.3
Melting point:	280 °C
Ignition point:	decomposes
Density:	3.25 g/cm ³
Water solubility:	Water: soluble
Flammable:	Nonflammable
Oxidation:	None

Section 10. Stability and reactivity

Stability:	Stable in closed container.
Reactivity	Reacts violently with bromates, phosphates, carbonates, phenols.
Incompatibility:	Strong oxidizing agents, bromates, phosphates, carbonates, phenols.
Condition to avoid:	Air,heat,light.

Section 11. Toxicological information

Acute toxicity:	GHS ; No data available.
Skin corrosive / irritation:	GHS : Category 2 ;Causes skin irritation
Serious eyes damage / eye irritation:	GHS : Category 2 A; Causes serious eye irritation
Respiratory sensitization:	GHS : No data available.
Skin sensitization:	GHS : No data available.
Germ cell mutagenicity:	GHS : Category 2 ; Suspected of causing genetic defect
Carcinogenicity:	GHS ; Category 2 ; Suspected of causing cancer

Carcinogenicity:		ACGIH (2013)	IARC (2015)	NTP (2015)
Chemical Name				
Lead inorganic compounds (as Pb)		A3	2A	R

ACGIH(2008) A3 Confirmed animal carcinogen with unknown relevance to humans.
IARC(2015) 2A The agent is probably carcinogenic to humans.
NTP(2015) R Reasonably anticipated to be human carcinogens.

Reproductive toxicity:	GHS : Category 1A ; May damage fertility or the unborn child
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Specific target organ toxicity —single exposure:	GHS : Category 1 ; Causes damage to organs (Blood system, nervous system, kidney).
Specific target organ toxicity —repeated exposure:	GHS : Category 1 ; Causes damage to organs through prolonged or repeated exposure. (Blood system, nervous system, kidney).
Aspiration hazard:	GHS ; No data available.

Section 12. Ecological information

Ecotoxicity:	
Hazards to the aquatic environment—acute toxicity:	GHS : Category 1 ; Very toxic to aquatic life. Crustacea(Daphnia galeata) LC50(48hr)=0.6mg/L
Hazards to the aquatic environment—chronic toxicity:	GHS : Category 1 ; Very toxic to aquatic life with long lasting effects.
Hazardous the ozone layer:	GHS ; No data available No Freon or Halon
Fish toxicity:	see above
Degradability:	No data available
Bioaccumulative potential:	Pb Biological half-life 1460 day, Rate of absorption oral=0.08 , Respiratory tract=0.29
Mobility in soil:	No data available

Section 13. Disposal considerations

Disposal method:	User of the product should contract with the local government or licensed 'Industrial Waste Haulers' for disposal of waste.
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Section 14. Transport information

UN number:	1616
IATA shipping name:	Lead acetate
IATA classification:	Hazardous Class 6.1 (Toxic substances)
IATA packing group:	III
HS code:	2915.29
Marine pollution:	Yes

Section 15. Regulatory information

TSCA inventory : listed.
Please refer to any other local / national measures that may be relevant.

Section 16. Other information

The information described above is believed to be correct. However, Kojundo Chemical Lab. makes no representation, warranty nor guarantee of any kind with respect to the information on this data sheet or any use of the product based upon this information.