

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47408**

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

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**SECTION 1: IDENTIFICATION**

**Effective Date:** 1/16/97  
**Product Name:** LEAD  
**Chemical Formula:** Pb  
**CAS No.:** 7439-92-1

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**SECTION 2: HAZARDOUS INGREDIENTS:**

Granules and dust will irritate eyes. Toxic by ingestion, inhalation, or implantation. Reproductive effects. Teratogenic effects also cited. Cancer - inadequate evidence. On California prop 65 list.

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**SECTION 3: PHYSICAL DATA**

Appearance and Odor:	metallic granules, Odorless
Boiling point:(760 mmHg)	1740°C
Vapor Pressure (mmHg):	1 mm @ 973°C
Solubility:	soluble in some acids, water insoluble
Density:	11.3
Melting point:	327.5°C

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**SECTION 4: FIRE AND EXPLOSION DATA**

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	fight surrounding fire
Unusual Fire and Explosion Hazards:	May vaporize in general fire. Use SCBA.
LEL:	n/a
UEL:	n/a

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**SECTION 5: REACTIVITY DATA**

Stable   X   Unstable \_\_\_\_\_

<b>Incompatibilities:</b>	no hazardous reactivity
<b>Hazardous Decomposition or byproducts:</b>	n/a
<b>Hazardous Polymerization:</b>	n/a

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**SECTION 6: HEALTH HAZARD DATA**

<b>Threshold Limit Value (TLV): TWA:</b>	0.15 mg Pb/m <sup>3</sup>
<b>PEL TWA:</b>	0.05 mg Pb/m <sup>3</sup>
<b>Toxicity:</b>	TD <sub>Lo</sub> oral-rat: 790 mg/kg

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**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

<b>Spillage:</b>	Sweep up powder or granules, avoid creating dust.
<b>Disposal:</b>	Disposal to hazardous waste

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**SECTION 8: FIRST AID PROCEDURES**

<b>Eyes:</b>	Wash with water. Get medical attention.
<b>Skin:</b>	Wash with water. Get medical attention.
<b>Inhalation:</b>	n/a.
<b>Ingestion:</b>	Give water or milk, induce vomiting. Get medical attention.

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**SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING**  
not available

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**SECTION 10: SPECIAL PROTECTION INFORMATION**

**Ventilation:** Use in proper ventilation or suitable respirator while using molten metal to avoid inhalation of fumes.

**Eye Protection:** n/a

**Protective Gloves:** n/a

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**SECTION 11: TRANSPORT INFORMATION**

**DOT classification:** no

**DOT pictograms:**