

Material Safety Data Sheet

Product Information

Lead CAS - 7439-92-1

Physical Data

Ingredient	Molar weight	Specific Gravity	Melting Point (.c)	Boiling point	Solubility in H2O (g/100ml)
Lead	207.21 g/mole	11.3	327.43	1740	n/a

Bluish-white, silvery grey solid metal.

Fire or Explosion Hazard

Non-flammable in presence of open flames and sparks or shocks of heat, however may be combustible at high temperature.

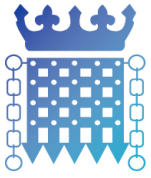
Fire-fighting measures: in case of small fire use dry chemical powder, in case of large fire use water spray, foam or fog. Do not use water jet.

Hazardous Identification

Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

First Aid Measures

Eye contact:



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Check and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact:

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Toxicological Information

Routes of entry:

Absorbed through skin, inhalation, and ingestion.

Toxic Effects on humans:

Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Lead metal granules or dust may cause irritation by mechanical action.

Lead metal foil, shot, sheets, not likely to cause skin irritation.

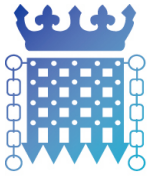
Chronic effects on humans:

Carcinogenic effects classified A3 (proven for animal), by ACGIH, 2B (possible for human) by IARC. May cause damage to the following organs– blood, kidneys, and central nervous system.

Stability and Reactive Information

Stability:

The product is stable.



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Reactivity:

Can react vigorously with oxidising materials. Incompatible with sodium carbide, chlorine trifluoride, hot concentrated nitric acid, hot concentrated hydrochloric acid, hot concentrated sulphuric acid, and zirconium.

Ecological Information

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The toxicity of the products of biodegradation are less toxic than the product itself.

Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environment control regulations.

Transport Information

Not regulated for either air or ground shipments.

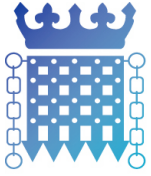
Handling and Storage

Keep locked up, and keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing.

Preventative Measures

Avoid repeated skin contact. Wear suitable gloves. Wash skin thoroughly after handling. Launder clothing and gloves as needed. Keep away from incompatibles such as oxidising agents.

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