



J. T. Baker Chemical Co.

222 Red School Lane Phillipsburg, N.J. 08865
24-Hour Emergency Telephone -- (201) 859-2151

Chemtec # (800) 424-9300
National Response Center # (800) 424-8802

000004534



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L2347 -01
Effective: 05/12/86

Lead, Granular or Shot

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SECTION I - PRODUCT IDENTIFICATION

Product Name: Lead, Granular or Shot
Formula: Pb
Formula Wt: 207.19
CAS No.: 7439-92-1
NIOSH/RECS No.: O67525000
Common Synonyms: C.I. 77575
Product Codes: 4996, 2256, 2266

MSDS # 04534

PRECAUTIONARY LABELLING

BAKER SAF-T-DATA™ System

HEALTH 0 NONE	FLAMMABILITY 0 NONE	REACTIVITY 0 NONE	CONTACT 0 NONE
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Laboratory Protective Equipment



Precautionary Label Statements

WARNING!

MAY BE FATAL IF SWALLOWED

Keep in tightly closed container. Wash thoroughly after handling.

SECTION II - HAZARDOUS COMPONENTS

Component	%	CAS No.
Lead, Granular or Shot	99-100	7439-92-1

SECTION III - PHYSICAL DATA

Boiling Point: 1744°C (3171°F)	Vapor Pressure(mmHg): N/A
Melting Point: 327°C (621°F)	Vapor Density(air-1): N/A
Specific Gravity: 1.34 (H ₂ O=1)	Evaporation Rate: N/A (Butyl Acetate=1)

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SECTION III - PHYSICAL DATA (Continued)

Solubility(H₂O): Negligible (less than 0.1 %) % Volatiles by Volume: 0

Appearance & Odor: Grayish-white, silvery metal, with no odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Fire Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Special Fire-Fighting Procedures

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.

Toxic Gases Produced

lead fumes

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value (TLV/TWA): 0.15 mg/m³ (ppm)

Short-Term Exposure Limit (STEL): 0.45 mg/m³ (ppm)

Effects of Overexposure

Ingestion may cause lassitude, weight loss, constipation, and anemia.
Ingestion may cause nausea, vomiting, paralysis, and central nervous system
Ingestion is harmful and may be fatal.

Chronic effects of overexposure may include kidney and/or liver damage.
Irreversible injury to blood forming tissue may result from chronic
low level exposure.

NOTE: Product is a solid mass; however, warnings come from inhalation of
dust.

Emergency and First Aid Procedures

CALL A PHYSICIAN.

If swallowed, if conscious, immediately induce vomiting.

SECTION VI - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibles: strong oxidizing agents, potassium metal, sodium metal

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SECTION VII - SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or discharge

Wear self-contained breathing apparatus and full protective clothing.
With clean shovel, carefully place material into clean, dry container and cover; remove from area. Flush spill area with water.

Disposal Procedure

Dispose in accordance with all applicable federal, state, and local environmental regulations.

EPA Hazardous Waste Number: D008 (EP Toxic Waste)

SECTION VIII - PROTECTIVE EQUIPMENT

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

Respiratory Protection: None required where adequate ventilation conditions exist. If airborne concentration exceeds TLV, a self-contained breathing apparatus is advised.

Eye/Skin Protection: Safety glasses with sideshields, uniform, proper gloves are recommended.

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

SAF-T-DATA™ Storage Color Code: Orange

Special Precautions

Keep container tightly closed. Suitable for any general chemical storage area.

SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

DOMESTIC (D.O.T.)

Proper Shipping Name Chemicals, n.o.s. (Non-regulated)

INTERNATIONAL (I.M.O.)

Proper Shipping Name Chemicals, n.o.s. (Non-regulated)

N/A = Not Applicable or Not Available

The information published in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise

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Material Safety Data Sheets periodically as new information becomes available.

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