

MATERIAL SAFETY DATA SHEET

SILVER

Section I

Kurt J. Lesker Company 1515 Worthington Avenue Clairton, PA 15025 Ph: 412/233-4200 Fax: 412/233-4275		Emergency Phone Numbers KJLC 800/245-1656 Chemtrec 800/424-9300 Poison Center 800/562-8236		
Chemical Name and Synonyms Silver Metal			Date of Last Revision 6/8/96	
Formula Au		Chemical Family Metal	Chemical Abstract No. 7440-22-4	
TSCA Listed			Calc. Molecular Wt. 107.868	

Section II Hazardous Ingredients

Hazardous Ingredients	CAS #	%	TLV	OSHA PEL
Silver Metal	7440-22-4	100	.01mg/m ³	.01mg/m ³

Section III Physical Data

Boiling Point (0°C): 22.12	Density (gmcc): 10.5
Vapor Pressure: NA	% Volatile by Volume: NA
Reaction with Water: None	Evaporation Rate (H ₂ O -1): NA
Solubility in Water: Insoluble	Melting Point (°C): 960.8
Appearance and Odor: White metallic solid, no odor	Other Comments:

Section IV Fire & Explosion Hazard Data

Flash Point (method) NA	Autoignition Temp. NA	Flammability Non-flammable	LEI	UEI
Extinguishing Media: Agent for metal fires (like G-1 powder, Met-L-X, or TEC)				
Special Fire Fighting Procedures: None				
Unusual Fire and Explosion Hazards: None				

Section V Spill or Leak Process

Steps to be Taken in Case Material is Released or Spilled: Sweep or scoop up and remove.
Waste Disposal Method (Consult federal, state or local authorities for proper disposal procedures.): Dispose of in normal refuse or save for recovery.

Transportation Requirements

DOT Class: Not classified as hazardous by DOT, UN or IMCO

UN Number:

IMCO Class:

Other:

The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, the Kurt J. Lesker Company makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon: User should satisfy himself that he had all current data relevant to his particular use.

ND = NO DATA FOUND

NA = NOT APPLICABLE