

Plasmaterials, Inc.
 2268 Research Drive
 Livermore, CA 94550
 Ph: (925) 447-4030 Fx: (925) 447-4031
<http://plasmaterials.com>

MATERIAL SAFETY DATA SHEET

Section 1- PRODUCT IDENTIFICATION

COMPOSITION La	PRODUCT NAME Lanthanum
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Section 2- HAZARDOUS INGREDIENTS

Note: Products under normal conditions do not represent an inhalation, ingestion or contact health hazard.

MATERIAL OR COMPONENT	CAS NUMBER	WT%	EXPOSURE LIMITS	
			OSHA PEL (Mg/M3)	ACGIH TLV(MG/M3)
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Section 3- PHYSICAL DATA

MATERIAL IS (AT NORMAL CONDITIONS) <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input type="checkbox"/> Gas <input type="checkbox"/> Other	APPEARANCE AND ODOR Silver-metallic, odorless
MELTING POINT (BASE METAL) 921°C	SPECIFIC GRAVITY 6.2

Section 4- FIRE AND EXPLOSION

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
EXTINGUISHING MEDIA Metal Fire Agent			
SPECIAL FIRED FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS Finely divided metal may oxidize rapidly.			

Section 5- REACTIVITY DATA

STABILITY Unstable	INCOMPATABILITY (MATERIALS TO AVOID) Acids
CONDITIONS TO AVOID Oxidizes in air, heat and flame.	
HAZARDOUS DECOMPOISTION PRODUCTS None	

Section 6- HEALTH HAZARD GUIDE

MAJOR EXPOSURE HAZARD

Inhalation Skin Skin Absorption Eye Contact Ingestion

EFFECTS OF OVEREXPOSURE

INHALATION: Unknown

INGESTION: Unknown

SKIN CONTACT: Can cause irritation.

EYE CONTACT: Can cause particle irritation.

EMERGENCY & FIRST AID PROCEDURES

INHALATION & INGESTION: Seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash affected area with soap or mild detergent.

EYE CONTACT: Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of the chemical remains.

Section 7- SPILL OR LEAK PROCEDURES

SPILL OR LEAK PROCUDRES

No special precautions indicated.

WASTE DISPOSAL METHODS

Oxidize safely and dispose of in an approved chemical landfill.

Section 8- SPECIAL PROTECTION

RESPIRATORY

Use dust particle mask for powder and fumes.

VENTILATION

None

EYE PROTECTION & PROTECTIVE CLOTHING

Eye protection is not required, but advisable. Protective gloves are not required but recommended.

Section 9- SPECIAL PRECAUTIONS

Store in inert gas or oil.

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