

Lanthanum Calcium Manganite (LCM)			Pricing >
Lanthanum Calciu Sputtering Target	um N	<u>Manganite</u>	Pricing >
Linear Formula	$La_2O_3$ / $Mn_3O_4$ / CaO		
Pubchem CID	N/A		
MDL Number	N/A		
EC No.	N/A		
Signal Word		Warning	
Hazard Statements		H315-H319-H335	
Hazard Codes		Xi	
Risk Codes		34-41	
Safety Statements		26-36/37/39-45	
<b>RTECS Number</b>		N/A	
Transport Information		NONH for all modes of transport	
WGK Germany		3	
GHS Pictograms		GHS07 Exclamation Point ()	

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### SAFETY DATA SHEET

Date Accessed: 04/26/2024 Date Revised: 01/15/2022

#### **SECTION 1. IDENTIFICATION**

**Product Identifiers:** All applicable American Elements product codes for CAS #123273-09-6

Relevant identified uses of the substance:

Scientific research and development

Supplier details: American Elements 10884 Weyburn Ave. Los Angeles, CA 90024 Tel: +1 310-208-0551 Fax: +1 310-208-0351

Emergency telephone number: Domestic, North America +1 800-424-9300 International +1 703-527-3887

### **SECTION 2. HAZARDS IDENTIFICATION**

Label precautionary statements Irritant Irritating to eyes, respiratory, and skin. In case of contact to eyes, rinse immediately With plenty of water and seek medical advice. Wear suitable protective clothing.



GHS07 Signal word: Warning Acute toxicity (oral, dermal, inhalation), category 4 Skin and eye irritation, category 2 Skin sensitisation, category 1 Specific target organ toxicity - single exposure, category 3

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MF: (La0.85Ca0.15)0.97MnO3

#### **SECTION 4. FIRST AID MEASURES**

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes . In case of contact, immediately skin with soap and copious amounts of water.

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

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Wash contaminated clothing before reuse.

#### SECTION 5. FIREFIGHTING MEASURES

Extinguishing media Noncombustible. Use extinguishing media appropriate to surrounding fire conditions. Special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and chemical resistant gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup

is complete.

#### **SECTION 7. HANDLING AND STORAGE**

Keep tightly closed. Store under nitrogen. Store in a cool dry place See section 8.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles. Rubber gloves. NIOSH/MSHA- approved respirator. Safety shower and eye bath. Mechanical exhaust required. Do not breath dust. Irritant dust. Wash thoroughly after handling.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor Brown powder

### SECTION 10. STABILITY AND REACTIVITY

Incompatibilities: Strong acids. Oxidizing agents. Protect from moisture. Hazardous combustion or decomposition products: Nature of decomposition products not known.

## SECTION 11. TOXICOLOGICAL INFORMATION

Acute effects May be harmful by inhalation, ingestion, or skin absorption. Causes eye and skin irritation. Material is irritating to mucous membranes and upper respiratory tract. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### **SECTION 12. ECOLOGICAL INFORMATION**

Data not available

# SECTION 13. DISPOSAL CONSIDERATIONS

Bury in a landfill site approved for the disposal of chemical and hazardous wastes. Observe all federal, state and local environmental regulations.

#### **SECTION 14. TRANSPORT INFORMATION**

CDG UK Non-hazardous for road freight IMDG Non-hazardous for sea freight ICAO/IATA Non-hazardous for air freight

## SECTION 15. REGULATORY INFORMATION

European information Irritant R 36/37/38 Irritating to eyes, respiratory system and skin. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36 Wear suitable protective clothing. Reviews, standards and regulations OEL=MAK NOES 1983: HZD X2060; NIS 8; TNF 406; NOS 11; TNE 22403; TFE 11140 EPA TSCA Section 8(B) Chemical Inventory

### **16. OTHER INFORMATION**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. COPYRIGHT 1997-2022 AMERICAN ELEMENTS. LICENSED GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.

### Reseach

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