

# MATERIAL SAFETY DATA SHEET

## **I PRODUCT IDENTIFICATION**

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**Trade Name:** Lanthanum Fluoride  
**Formula:** LaF<sub>3</sub>

**Chemical Nature:** Lanthanides

## **II HAZARDOUS INGREDIENTS**

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**TLV (Units):** None

## **III PHYSICAL DATA**

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**Boiling Point 760 mm Hg:** 2327 °C  
**Vapor Pressure:** N/A  
**Appearance and Odor:** White odorless powder

**Specific Gravity:** 5.94  
**Vapor Density:** N/A  
**Solubility in H<sub>2</sub>O:** Insoluble

## **IV FIRE AND EXPLOSION HAZARDS DATA**

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**Flash Point (Method Used):** N/A  
**Flammable Limits: Upper:** N/A **Lower:** N/A

**Autoignition Temperature:** N/A

**Extinguishing Media:** Will not burn  
**Unusual Fire & Explosion Hazards:** None  
**Special Firefighting Procedures:** None

## **V HEALTH HAZARD INFORMATION**

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**Threshold Limit Value:** Not established, low oral toxicity.

**Effects of Over Exposure:** Can cause skin irritation. Can cause severe eye particle irritation. Ingestion can cause gastrointestinal irritation.

### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Flush with water.  
**SKIN:** Wash affected area with mild soap and water.  
**INHALATION/INGESTION:** Seek medical attention.

## **VI REACTIVITY DATA**

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**Stability:** Stable  
**Incompatibility (Material to Avoid):** Heat

**Hazardous Decomposition Products:** None  
**Hazardous Polymerization:** Will not occur

## **VII SPILL OR LEAK PROCEDURES**

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**Steps to Be Taken in Case Material Is Released or Spilled:** Sweep up or wipe up and dispose. Normal disposal in waste receptacle. No special handling required.

**Waste Disposal Method:** Disposal must be made in accordance with Federal, State and Local regulations.

## **VIII SPECIAL PROTECTION INFORMATION**

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**Respiratory Protection (Specify Type):** Particle mask

**Ventilation:** Local exhaust if dust present

**Eye Protection:** Recommended

## **IX SPECIAL PRECAUTIONS**

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**Other Handling and Storage Conditions:** Store in closed container.

Prepared By: S. Dierks

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