MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

Trade Name: Lanthanum Fluoride
Formula: LaF₃
Chemical Nature: Lanthanides

II HAZARDOUS INGREDIENTS

TLV (Units): None

III PHYSICAL DATA

Boiling Point 760 mm Hg: 2327 °C
Vapor Pressure: N/A
Appearance and Odor: White odorless powder
Solubility in H₂O: Insoluble

IV FIRE AND EXPLOSION HAZARDS DATA

Flash Point (Method Used): N/A
Autoignition Temperature: N/A
Flammable Limits: Upper: N/A  Lower: N/A
Extinguishing Media: Will not burn
Unusual Fire & Explosion Hazards: None
Special Firefighting Procedures: None

V HEALTH HAZARD INFORMATION

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.

VI REACTIVITY DATA

Stability: Stable
Incompatibility (Material to Avoid): Heat
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur
VII  SPILL OR LEAK PROCEDURES

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

Respiratory Protection (Specify Type): Particle mask
Ventilation: Local exhaust if dust present
Eye Protection: Recommended

IX  SPECIAL PRECAUTIONS

Other Handling and Storage Conditions: Store in closed container.

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