

**GFS CHEMICALS, INC.**  
P.O. Box 245 Powell, OH 43065  
740-881-5501(Tel.) 740-881-5989(Fax)  
1-800-424-9300(Chemtrec 24Hr. Info.)

**MATERIAL SAFETY DATA SHEET**

749

**LANTHANUM STANDARD SOLUTION**

**CHEMICAL NAME & SYNONYMS**

Lanthanum Standard Solution, 1,000 ppm

**DOT CLASS**

NR No

**SARA TITLE 313**

**TSCA listed** - Yes

**FORMULA**

LaCl<sub>3</sub>•7H<sub>2</sub>O <0.3%  
HCl < 1%  
H<sub>2</sub>O > 98%

**REPORTABLE QUANTITY**

N/A  
2270 kg  
N/A

**F.W.**

371.37  
36.46  
18.02

**CAS#**

10025-84-0  
7647-01-0  
7732-18-5

**PHYSICAL DATA**

Boiling point about 100°C; Melting point about 0°C; Density 1.02; Completely miscible with water; >99% volatile.

**APPEARANCE & ODOR**

Water-clear solution. Odorless.

**REACTIVITY & CONDITIONS TO AVOID**

Stable. Avoid contact with eyes. No hazardous reactivity.

**FIRE HAZARDS**

None. NFPA # 1-0-0.

**EXTINGUISHER**

Fight surrounding fire.

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

May be irritating to skin, eyes and mucous membranes. May be harmful if swallowed or inhaled. LD<sub>50</sub> (oral-rat) 4200 mg (LaCl<sub>3</sub>)/kg. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Wear goggles while handling.

**FIRST AID**

Wash contact area well with water. If irritation develops, get medical attention.

**SPILLS & LEAKS**

Wash up with water. Disposal to sanitary drain.

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**CATALOG #**

749

**PREPARED BY**

MDM

**DATE**

November 27, 2006

Full Warranty and Limitations Statement should be reviewed at [www.gfschemicals.com/terms.asp](http://www.gfschemicals.com/terms.asp).