

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 12/17/96
Product Name: LANTHANUM CHLORIDE
Chemical Formula: LaCl₃ · 6-7 H₂O
CAS No.: 10099-58-8

SECTION 2: HAZARDOUS INGREDIENTS:

Very slightly to slightly dangerous in case of eye contact (irritant), of inhalation. Slightly dangerous to dangerous in case of ingestion

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	Solid (deliquescent crystals solid), white
Boiling point:(760 mmHg)	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	3.842
Solubility in water:(by weight)	soluble in cold water, methanol; insoluble in diethyl ether
Melting Point:	860°C (1580°F)
Volatility:	n/a
Vapor Density:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	non-flammable
Fire Fighting Procedures:	non-flammable
Unusual Fire and Explosion Hazards:	not available

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable Unstable

Conditions to Avoid:	non-corrosive in presence of glass
Incompatibilities: regarding	No specific information is available in database reactivity in presence of various other materials
Hazardous Decomposition or byproducts:	products of degradation are more toxic
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA

Permissible Exposure Limit: n/a

Toxicity:

Acute oral toxicity (LD50):4184 mg/kg rat
Toxic to lungs.

Routes of entry:

Ingestion

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Use appropriate tools to put spilled solid in a convenient waste disposal container.
Finish cleaning by spreading water on the contaminated surface and dispose of
according to local and regional authority requirements.

Disposal: Recycle to process, if possible. Consult your local or regional authorities

SECTION 8: FIRST AID PROCEDURES**First Aid:**

Eyes: Check for any remove any contact lenses. Immediately flush eye with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Skin: No known effect according to database

Inhalation: Allow victim to rest in well ventilated area. Seek medical attention.

Ingestion: Remove any dentures. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower head so vomit will not reenter mouth and throat. Never give an unconscious person anything to ingest. Seek medical attention.

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions: Do not ingest or breath dust. Wear suitable protective clorhing. Seek medical advise if ingested and show container on label.

SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Eye Protection: Safety Glasses

Protective Gloves: Gloves in case of large spill

Respiratory Protection: Respirator when ventilation is inadequate

Other Protective Gear: lab coat

SECTION 11: TRANSPORT INFORMATION

DOT classification: not DOT controlled

DOT pictograms: