

SAFETY DATA SHEET

Date issued : 01/29/2025

SDS number : Life Phosphate Remover - Canada

Life Phosphate Remover / Eliminateur De Phosphates

1. Identification

Product identifier: Life Phosphate Remover / Eliminateur De Phosphates**Active ingredient(s):** Lanthanum Chloride, Anhydrous**Distributor**

Alliance Trading, Inc.
109 North Park Blvd., 4th Floor
Covington, LA 70433

Emergency telephone number (24 hour)

24 Hour Emergency Phone Number: 1-888-670-7665

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Skin Corrosion, Category 1A
Eye Damage, Category 1

Label elements

Corrosion

Signal word: DANGER**Hazard statement(s)**

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

Precautionary statement(s)**Prevention:**

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor/...

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container to ...

Potential health effects**Ingestion:** May be harmful if swallowed.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Lanthanum Chloride, Anhydrous	Trade Secret	10099-58-8

Comments: Mixture of this hazardous ingredient with non-hazardous ingredients.

4. First-aid measures

Eye: Rinse opened eye with water for 15 minutes under running water. Then consult a doctor.**Skin:** Immediately wash with soap and water and rinse thoroughly.

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Ingestion: Drink plenty of water. Get medical attention immediately.

Inhalation: Remove to fresh air. If symptoms occur, get medical attention.

5. Fire-fighting measures

Flammable class: Not Available

Suitable extinguishing media: Use CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Comments: No further relevant information available.

6. Accidental release measures

Small spill: Absorb with liquid-binding material (sand, diatomite, acid biners, universal binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation.

Environmental precautions

Land spill: Dilute with plenty of water. Do not allow product to enter sewers, surface or ground water.

7. Handling and storage

General procedures: Use with adequate ventilation. Prevent formation of aerosols.

Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
		Occupational exposure limit values		
Chemical name	Type		ppm	mg/m ³
Lanthanum Chloride, Anhydrous	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[1]	[1]
Footnotes: 1. Not established.				

Appropriate engineering controls: General ventilation is adequate.

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear tightly sealed safety goggles.

Skin protection - hand protection: Impermeable and resistant gloves to the material.

Respiratory protection: In cases of brief exposure or low pollution, use respiratory filter device. In cases of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

Occupational hygiene practices: Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

Comments: Avoid contact with eyes and skin. Immediately remove all soiled and contaminated clothing. Wash hands thoroughly after handling. Keep away from foodstuffs, beverages and feed.

9. Physical and chemical properties

Physical state: Liquid

Odor: Product specific.

pH: < 5.0

Melting point: Not Determined

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Initial boiling point and boiling range: 100°C (212°F)**Flash point:** Not Applicable.**Lower explosion limit / flammability limit:** 0**Upper explosion limit / flammability limit:** 0**Vapor pressure:** 23 hPa (17 mm Hg)**Density:** 13.352 lbs/gal at (68°F) 1.6 g/cm³**Relative density:** 1.6**Solubility:** Fully miscible.**Auto-ignition temperature:** Product is not self-igniting.**Decomposition temperature:** Not Determined.**Viscosity:** Not Determined

10. Stability and reactivity

Dangerous polymerization: Will not occur.**Chemical stability:** Stable.**Conditions to avoid:** No further relevant information available.**Hazardous decomposition products:** None known.**Incompatible materials:** No further relevant information available.

11. Toxicological information

Acute toxicity

Acute dermal toxicity LD₅₀: Not Available**Acute oral toxicity LD₅₀:** Not Available**Notes:** Corrosive. Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.**Respiratory or skin sensitization:** Not known or reported to be a skin or respiratory sensitizer.

Carcinogenicity

Notes: Not classified as a carcinogen by NTP, IARC or OSHA.

12. Ecological information

Aquatic toxicity, both acute and chronic: No further relevant information available.**Bioaccumulative potential:** No further relevant information available.**Comments:** Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal considerations

Disposal methods: Dispose in accordance with all applicable regulations.**General comments:** Must not be disposed of with household garbage. Do not allow product to reach sewage system.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride)**UN number:** 3264**Transport hazard class(es):** 8**Packing group, if applicable:** III

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Environmental hazards - marine pollutant: No.

ADR / RID - road / rail

UN proper shipping name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride)

UN number: 3264

Kemler number: 80

Hazard class: 8

Packing group, if applicable: III

ICAO / IATA - air

UN proper shipping name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride)

UN number: 3264

Transport hazard class(es): 8

Packing group, if applicable: III

Note: Quantity Limitations -

On passenger aircraft/rail: 5L

On cargo aircraft only: 60L

IMO / IMDG - International

UN proper shipping name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride)

UN number: 3264

Transport hazard class(es): 8

Packing group, if applicable: III

Limited quantity: 5L

EmS: F-A, S-B

Environmental hazards - marine pollutant: No.

Special provisions: Excepted Quantities (EQ) - Code: E1

Maximum net quantity per inner packaging: 30ml

Maximum net quantity per outer packaging: 1,000ml

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Not listed.

313 reportable ingredients: No reportable chemicals.

TSCA (The Toxic Substances Control Act)

TSCA Status: All ingredients in this mixture are in compliance with TSCA.

California Proposition 65: There are no chemicals present known to the State of California to cause cancer.

16. Other information

Date Prepared: 01/29/2025

Manufacturer disclaimer: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).