

SAFETY DATA SHEET

Date Issued : 01/03/2022
SDS No. : LH Phos Remover

Litehouse Pools & Spas Phosphate Remover

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Litehouse Pools & Spas Phosphate Remover
GENERAL USE: Phosphate Remover for Swimming Pools & Spas
ACTIVE INGREDIENT(S): Lanthanum Chloride, Anhydrous

DISTRIBUTOR

Litehouse Pools & Spas
10883 Pearl Road, Suite 201
Strongsville, OH 44136
Product Stewardship: (440) 638-2350

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Skin Corrosion, Category 1A
Eye Damage, Category 1

GHS LABEL

Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

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	Wt. %	CAS
Lanthanum Chloride, Anhydrous	Trade Secret	10099-58-8

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

4. FIRST AID MEASURES

SAFETY DATA SHEET

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EYES: 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.

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

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.

STORAGE: Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
Lanthanum Chloride, Anhydrous	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[1]	[1]
Footnotes: 1. Not established.				

ENGINEERING CONTROLS: General ventilation is adequate.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear tightly sealed safety goggles.

SKIN: Impermeable and resistant gloves to the material.

RESPIRATORY: 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.

WORK HYGIENIC 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.

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pH: < 5.0
FLASHPOINT AND METHOD: Not Applicable.
LOWER EXPLOSION LIMIT: 0
UPPER EXPLOSION LIMIT: 0
AUTOIGNITION TEMPERATURE: Product is not self-igniting.
VAPOR PRESSURE: 23 hPa (17 mm Hg)
BOILING POINT: 100°C (212°F)
MELTING POINT: Not Determined
DECOMPOSITION TEMPERATURE: Not Determined.
SOLUBILITY IN WATER: Fully miscible.
DENSITY: 13.352 lbs/gal at (68°F) 1.6 g/cm³
SPECIFIC GRAVITY: 1.6
VISCOSITY: Not Determined

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.
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

DERMAL LD₅₀: Not Available

ORAL 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 SENSITISATION: 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 (ACUTE): No further relevant information available.

BIOACCUMULATION/ACCUMULATION: 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 METHOD: 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

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride)

PRIMARY HAZARD CLASS/DIVISION: 8

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UN/NA NUMBER: 3264

PACKING GROUP: III

MARINE POLLUTANT #1: No.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride)

UN NUMBER: 3264

KEMLER NUMBER: 80

HAZARD CLASS: 8

PACKING GROUP: III

AIR (ICAO/IATA)

SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride)

UN/NA NUMBER: 3264

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: III

NOTE: Quantity Limitations -
On passenger aircraft/rail: 5L
On cargo aircraft only: 60L

VESSEL (IMO/IMDG)

SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride)

UN/NA NUMBER: 3264

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: III

LIMITED QUANTITY: 5L

EmS: F-A, S-B

MARINE POLLUTANT #1: 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 TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Not listed.

313 REPORTABLE INGREDIENTS: No reportable chemicals.

TSCA (TOXIC SUBSTANCE 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: 01/03/2022

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