

SAFETY DATA SHEET

Date Issued : 01/03/2022

SDS No. : LH Extra Strength Phos Remover

Litehouse Pools & Spas Extra Strength Phosphate Remover

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Litehouse Pools & Spas Extra Strength Phosphate Remover**GENERAL USE:** Phosphate Remover for Swimming Pools & Spas**DISTRIBUTOR**

Litehouse Pools & Spas
10883 Pearl Road, Suite 201
Strongsville, OH 44136

Product Stewardship: (440) 638-2350

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Corrosive to Metals, Category 1
Eye Damage, Category 1
Skin Sensitization, Category 1

GHS LABEL

The product is classified and labeled according to the Globally Harmonized System (GHS).



Corrosion

Exclamation
mark**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H318: Causes serious eye damage.
H290: May be corrosive to metals.
H317: May cause an allergic skin reaction.

PRECAUTIONARY STATEMENT(S)**Prevention:**

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P363: Wash contaminated clothing before reuse.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352: IF ON SKIN: Wash with plenty of water/...
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P310: Immediately call a POISON CENTER/doctor/...

Storage:

P234: Keep only in original packaging.
P406: Store in a corrosion resistant/...container with a resistant inner liner.

Disposal:

P390: Absorb spillage to prevent material damage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
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Lanthanum Chloride Heptahydrate	Proprietary	10025-84-0
Inert Ingredients	Proprietary	Proprietary

4. FIRST AID MEASURES

EYES: Protect unharmed eye. Remove contact lenses, if worn. Rinse opened eye for several minutes under running water, then consult a doctor.

SKIN: Immediately remove any clothing soiled by product. Immediately rinse with water. If skin irritation continues, consult a doctor. Seek immediate medical help for blistering or open wounds.

INGESTION: Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

INHALATION: Supply fresh air; consult a doctor in case of complaints.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE EFFECTS:

- Allergic reaction.
- Slight irritant effect on skin and mucous membranes.
- Strong irritant with the danger of severe eye injury.
- Nausea in case of ingestion.
- Gastric or intestinal disorders when ingested.

NOTES TO PHYSICIAN:

- Medical supervision for at least 48 hours.
- Contains Lanthanum Chloride, Anhydrous. May produce an allergic reaction.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None Expected.

EXTINGUISHING MEDIA: Adapt extinguishing media to the environment.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: During fire, gases hazardous to health may be formed.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid on vermiculite, floor absorbent or other absorbent material.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid runoff to waterways and sewers. Releases should be reported, if required, to appropriate agencies.

GENERAL PROCEDURES: Ventilate area of leak or spill. Use appropriate safety equipment.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use only in well ventilated areas. Avoid splashes or spray in enclosed areas. Keep respiratory protective device available. Store only in original container. Store away from foodstuffs. Do not store together with alkalis (caustic solutions).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No additional information available.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical goggles or safety glasses.

SKIN: Chemical-resistant gloves.

RESPIRATORY: No respirator is required under normal conditions of use.

WORK HYGIENIC PRACTICES: Keep away from foodstuffs, beverages and feed. Avoid contact with eyes and skin. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

OTHER USE PRECAUTIONS: Good hygiene practices should be strictly followed. Before eating, drinking or smoking, wash face and hands

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thoroughly.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Characteristic

ODOR THRESHOLD: Not Determined.

COLOR: Yellow

pH: 2 to 3 20°C (68°F)

FLASHPOINT AND METHOD: Not Applicable

EXPLOSION LIMITS: Not Applicable

AUTOIGNITION TEMPERATURE: Not Determined

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined.

BOILING POINT: No data available

MELTING POINT: No data available

DECOMPOSITION TEMPERATURE: Not Determined.

SOLUBILITY IN WATER: Fully miscible.

EVAPORATION RATE: Not Determined.

DENSITY: 1.6 g/cm³

VISCOSITY: Not Determined

10. STABILITY AND REACTIVITY

REACTIVITY: No additional information available.

HAZARDOUS POLYMERIZATION: Will not occur under normal temperatures.

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: No further relevant information available.

POSSIBILITY OF HAZARDOUS REACTIONS: Reacts with Alkali (lyes). Reacts with reducing agents. Toxic fumes may be released if heated above the decomposition point.

HAZARDOUS DECOMPOSITION PRODUCTS:

Under fire conditions only:

Toxic metal oxide smoke

Chlorine

INCOMPATIBLE MATERIALS: Alkali (lyes)

11. TOXICOLOGICAL INFORMATION

SKIN CORROSION/IRRITATION: Slight irritant effect on skin and mucous membranes.

SERIOUS EYE DAMAGE/IRRITATION: Strong irritant with the danger of severe eye injury.

RESPIRATORY OR SKIN SENSITISATION: Sensitization possible through skin contact.

GERM CELL MUTAGENICITY: None Expected.

CARCINOGENICITY

IARC: None of the ingredients are listed.

NTP: None of the ingredients are listed.

OSHA: None of the ingredients are listed.

NOTES: None of the components in this product are listed by IARC, NTP, OSHA or ACGIH as carcinogen.

REPRODUCTIVE TOXICITY: None Expected.

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STOT-SINGLE EXPOSURE: None Expected.**STOT-REPEATED EXPOSURE:** None Expected**ASPIRATION HAZARD:** None Expected.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Toxic to aquatic life with long lasting effects**ENVIRONMENTAL DATA:** This product is toxic to fish and aquatic life.**COMMENTS:** Do not allow product to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride)**PRIMARY HAZARD CLASS/DIVISION:** 8-Corrosive substances**UN/NA NUMBER:** UN3264**PACKING GROUP:** III**PLACARDS:** CORROSIVE**MARINE POLLUTANT #1:** Yes

Symbol - Fish and tree

OTHER SHIPPING INFORMATION: Listed on Inventory List.**SPECIAL SHIPPING NOTES:** Limited Quantity for packages less than 30 kg and inner packagings less than 5 L.

Product is additionally classified as a MARINE POLLUTANT based on MARPOL and DOT rules. Labeling as a MARINE POLLUTANT is not required for non-bulk single package shipments by motor vehicle, rail car, or aircraft. Bulk packaging consists of a maximum capacity of greater than 450 L (119 gallons) for a liquid and a maximum net mass greater than 400 kg (882 pounds) for a solid.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride) ENVIRONMENTALLY HAZARDOUS**UN NUMBER:** UN3264**KEMLER NUMBER:** 80**HAZARD CLASS:** 8-Corrosive substances**PACKING GROUP:** III

VESSEL (IMO/IMDG)

SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Lanthanum Chloride), MARINE POLLUTANT**UN/NA NUMBER:** UN3264**PRIMARY HAZARD CLASS/DIVISION:** 8-Corrosive substances**PACKING GROUP:** III**EmS:** F-A, S-B**MARINE POLLUTANT #1:** Yes

Symbol - Fish and tree

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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311/312 HEALTH HAZARDS: Not listed**313 REPORTABLE INGREDIENTS:** Not listed**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** Not listed**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** All components are listed on the TSCA Inventory.**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Date Prepared: 01/03/2022**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).