

SAFETY DATA SHEET

Date Issued : 04/16/2019
SDS No. : LH Chlorine Neutralizer

Litehouse Chlorine Neutralizer

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Litehouse Chlorine Neutralizer

GENERAL USE: Chlorine Neutralizer

DISTRIBUTOR

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

2. HAZARDS IDENTIFICATION

GHS LABEL

GHS-US Classification - Not Classified

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: May irritate skin and respiratory tract. May irritate and/or burn the eyes. Reacts with acids to form toxic and irritating sulfur dioxide gas and/or hydrogen sulfide gas.

POTENTIAL HEALTH EFFECTS

EYES: May irritate or burn the eyes and cause temporary conjunctivitis.

SKIN: Prolonged or repeated contact may cause skin irritation.

INGESTION: Ingestion may cause irritation of the gastrointestinal tract and purging, if a large quantity is ingested. Relatively low in acute toxicity.

INHALATION: May cause irritation to the respiratory tract. Additional effects may include coughing and shortness of breath.

CARCINOGENICITY: Not listed by NTP, IARC or OSHA.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Thiosulfate Pentahydrate	100	10102-17-7

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if any adverse effect occurs.

SKIN: Remove contaminated clothing. Wash affected area with soap and plenty of water. Wash clothing before reuse. If irritation persists, seek medical attention.

INGESTION: If conscious, immediately give 2 to 4 glasses of water, and induce vomiting by touching finger to back of throat. If irritation persists, get medical attention.

INHALATION: Promptly remove to fresh air. If breathing is difficult, give oxygen provided a qualified operator is available. If symptoms persist, get medical attention.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

EXPLOSION HAZARDS: Not considered to be an explosion hazard.

FIRE FIGHTING EQUIPMENT: Wear NIOSH-approved self-contained breathing apparatus to protect against any release of toxic and/or irritating fumes. Skin and eye protection should also be provided. Use water-spray to keep fire-exposed containers cool and to knock down fumes.

6. ACCIDENTAL RELEASE MEASURES

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GENERAL PROCEDURES: Promptly shovel or sweep up material with minimum dusting and shovel into an empty container with a cover. Cautiously spray residue with plenty of water.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin, eyes and clothing. Do not breathe dust or mist with adequate ventilation. Wash thoroughly after handling.

If dissolving and mixing solutions with the pentahydrate material (crystal), the reaction is endothermic and the solution will cool.

STORAGE: Store in a cool, dry, well-ventilated area away from acids and oxidizing agents. Keep container closed when not in use and protect from physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m ³
Sodium Thiosulfate Pentahydrate	OSHA PEL	TWA	Not Established	
	ACGIH TLV	TWA	Not Established	

ENGINEERING CONTROLS: Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear a hard hat (or other head covering) and chemical safety glasses/goggles. Do not wear contact lenses.

SKIN: Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

RESPIRATORY: Where required, use a NIOSH-approved respirator for dust or mist. If sulfur dioxide and/or hydrogen sulfide gas should be released, use a NIOSH-approved self-contained breathing apparatus or supplied-air respirator.

PROTECTIVE CLOTHING: Body protective clothing and shoes.

WORK HYGIENIC PRACTICES: Provide safety shower and eyewash station in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: None.

APPEARANCE: Colorless crystals.

pH: -8.6

FLASHPOINT AND METHOD: Not Flammable

FLAMMABLE LIMITS: 0 to 0

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined.

BOILING POINT: Not Applicable

MELTING POINT: 48°C (118°F)

SOLUBILITY IN WATER: 52 @ 0 deg C

DENSITY: 1.75

SPECIFIC GRAVITY: 1.685

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10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable under dry and normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide gas, hydrogen sulfide gas and sodium sulfide residue.

INCOMPATIBLE MATERIALS: Strong oxidizers cause vigorous exothermic reactions. Acids release sulfur dioxide and/or hydrogen sulfide gas.

11. TOXICOLOGICAL INFORMATION

COMMENTS: None available.

12. ECOLOGICAL INFORMATION

COMMENTS: None available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

RCRA/EPA WASTE INFORMATION: This product is not considered a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA).

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: No.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components are listed on the TSCA Inventory.

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

16. OTHER INFORMATION

Date Prepared: 04/16/2019

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