

## SAFETY DATA SHEET

Date Issued : 01/03/2022  
SDS No. : LH pH Decreaser

## Litehouse Pools &amp; Spas pH Decreaser

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Litehouse Pools & Spas pH Decreaser  
**GENERAL USE:** pH Decreaser

**DISTRIBUTOR**

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

## 2. HAZARDS IDENTIFICATION

**GHS LABEL**

Corrosion

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H318: Causes serious eye damage.

**PRECAUTIONARY STATEMENT(S)****Prevention:**

P262: Do not get in eyes, on skin, or on clothing.  
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/...  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes eye irritation. Adverse symptoms may include pain, watering and redness.

**SKIN:** Skin contact can cause irritation of the skin with pain, itching and redness. Overexposure may cause chemical burns.

**INHALATION:** Severe over-exposure can produce lung damage, choking, unconsciousness or death.

**ROUTES OF ENTRY:** Eyes, Skin, Inhalation, Ingestion

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                       | Wt. % | CAS       |
|-------------------------------------|-------|-----------|
| Sodium Bisulfate (Eye Dam. 1, H318) | > 90  | 7681-38-1 |

## 4. FIRST AID MEASURES

**EYES:** Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open. Seek medical attention.

**SKIN:** Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. If irritation persists, seek medical attention.

**INGESTION:** Do not induce vomiting unless directed to do so by medical professional. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt, or waistband.

**INHALATION:** Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, give oxygen. Get medical attention. **WARNING:** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation

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when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Nonflammable

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

**HAZARDOUS DECOMPOSITION PRODUCTS:** At temperatures above 806 deg F, hazardous fumes sulfur oxide and sulfur trioxide are evolved.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Use appropriate containers to avoid environmental contamination.

**LARGE SPILL:** Corrosive solid. Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

**GENERAL PROCEDURES:** Prevent entry into soil, waterways, drains and sewers. Inform relevant authorities if product has caused environmental pollution.

**SPECIAL PROTECTIVE EQUIPMENT:** Do not breathe dust. Provide adequate ventilation. Put on appropriate personal protective equipment.

### 7. HANDLING AND STORAGE

**HANDLING:** Wear all recommended personal protective clothing when handling. Avoid contact with eyes. Wash thoroughly after handling. Minimize dust generation. Avoid breathing dust.

**STORAGE:** Keep containers tightly closed in a dry, well-ventilated area. Keep away from children.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

#### OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

| Chemical Name                       | EXPOSURE LIMITS |      |                    |                                  |
|-------------------------------------|-----------------|------|--------------------|----------------------------------|
|                                     | Type            |      | ppm                | mg/m <sup>3</sup>                |
| Sodium Bisulfate (Eye Dam. 1, H318) | OSHA PEL        | TWA  | ppm <sup>[1]</sup> | mg/m <sup>3</sup> <sup>[1]</sup> |
|                                     |                 | STEL | ppm                | mg/m <sup>3</sup>                |
|                                     | ACGIH TLV       | TWA  | ppm                | mg/m <sup>3</sup>                |
|                                     |                 | STEL | ppm                | mg/m <sup>3</sup>                |
|                                     | Supplier OEL    | TWA  | NL ppm             | NL mg/m <sup>3</sup>             |
|                                     |                 | STEL | NL ppm             | NL mg/m <sup>3</sup>             |

#### Footnotes:

1. This material meets the definition as an Irritant as defined in OSHA's Hazard Communication Standard.

**ENGINEERING CONTROLS:** Local exhaust ventilation or other engineering controls are normally required when handling or using this product to keep airborne exposures below the TLV, PEL or other recommended exposure limit.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear chemical safety goggles.

**SKIN:** Protective gloves, protective clothing.

**RESPIRATORY:** In dusty atmospheres (greater than 10 mg/m<sup>3</sup>) use a NIOSH-approved dust respirator.

#### WORK HYGIENIC PRACTICES:

The usual precautionary measures for handling chemicals should be followed.  
Keep away from foodstuffs, beverages and feed.

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Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.  
Avoid breathing dust.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Dry crystalline solid.  
**ODOR:** Fresh to pungent.  
**APPEARANCE:** Off-white granular powder.  
**pH:** < 1.0 5% aqueous solution spherical shaped beads.  
**FLASHPOINT AND METHOD:** Not combustible.  
**LOWER EXPLOSION LIMIT:** 0  
**UPPER EXPLOSION LIMIT:** 0  
**VAPOR PRESSURE:** N/A  
**VAPOR DENSITY:** N/A  
**MELTING POINT:** 183°C  
**SOLUBILITY IN WATER:** Partially Soluble

at 20°C (68°F)

**DENSITY:** 1.28  
**SPECIFIC GRAVITY:** 2.435  
**MOLECULAR WEIGHT:** 120.6 g/mol

### 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur.  
**STABILITY:** Stable.  
**POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of storage and use, hazardous reactions will not occur.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
**INCOMPATIBLE MATERIALS:** Oxidizing agents, alkalis, and moisture. Not corrosive in the presence of glass.

### 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY**  
**ORAL LD<sub>50</sub>:** 2800 mg/kg - Rat  
**GERM CELL MUTAGENICITY:** Mutagenic for bacteria and/or yeast.  
**CARCINOGENICITY**  
**NOTES:** Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** This material dissolves in water to form a weak acid solution. A 0.05% or greater (by weight) solution of this product will likely be harmful to aquatic life.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with all applicable regulations.

### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

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PROPER SHIPPING NAME: Not Regulated.

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Not listed.

313 REPORTABLE INGREDIENTS: None.

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

##### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

#### REGULATIONS

STATE REGULATIONS: Not regulated.

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

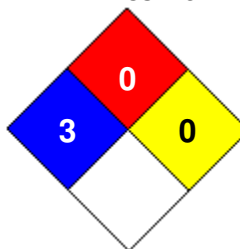
### 16. OTHER INFORMATION

Date Prepared: 01/03/2022

#### HMIS RATING

|                     |   |   |
|---------------------|---|---|
| HEALTH              |   | 3 |
| FLAMMABILITY        |   | 0 |
| PHYSICAL HAZARD     |   | 0 |
| PERSONAL PROTECTION | J |   |

#### NFPA CODES



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