

# SAFETY DATA SHEET

## Low pH Soil Extractor

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Printed: 05/27/2021

Revision: 12/17/2020

Supersedes Revision: 10/08/2018

### 1. Product and Company Identification

**Product Code:** 07919  
**Product Name:** Low pH Soil Extractor  
**Company Name:** Genlabs  
5568 Schaefer Ave.  
Chino, CA 91710  
**Phone Number:**  
1 (909)591-8451

**Web site address:** www.genlabscorp.com  
**Email address:** sol@genlabscorp.com  
**Emergency Contact:** Chemtrec  
1 (800)424-9300

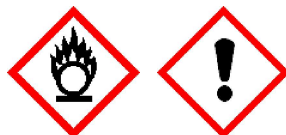
### 2. Hazards Identification

**Oxidizing Liquids, Category 3**

**Acute Toxicity: Oral, Category 4**

**Acute Toxicity: Inhalation, Category 4**

**Skin Corrosion/Irritation, Category 3**



**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:**  
H272 - May intensify fire; oxidizer.  
H302 - Harmful if swallowed.  
H316 - Can cause mild skin irritation.  
H319 - Can cause serious eye irritation.

**GHS Precaution Phrases:**  
P210 - Keep away from heat, sparks, open flames, or hot surfaces. No smoking.  
P220 - Keep away from combustible materials.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P264 - Wash hands thoroughly after handling.  
P102 - Keep out of reach of children.  
P271 - Use only outdoors or in a well-ventilated area.  
P261 - Avoid breathing fumes and spray mist.  
P270 - Do not eat, drink or smoke when using this product.

**GHS Response Phrases:**  
P301+312 - If swallowed: Call a Poison Center or doctor if you feel unwell.  
P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P332+313 - If skin irritation occurs, get medical attention immediately.  
P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313 - If eye irritation persists, get medical attention immediately.

**GHS Storage and Disposal Phrases:**  
P501 - Dispose of contents and container according to the local, city, state and federal regulations.  
P411+235 - Store in cool dry place at room temperature away from direct sunlight.

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|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. Causes respiratory tract irritation. |
| <b>Skin Contact:</b> | Causes skin irritation.   |
| <b>Eye Contact:</b>  | Causes severe eye irritation.   |
| <b>Ingestion:</b>    | Harmful if swallowed. Corrosive and may cause severe and permanent damage to mouth, throat, and stomach.                                    |

### 3. Composition/Information on Ingredients

| CAS #      | Hazardous Components (Chemical Name) | Concentration |  |
|------------|--------------------------------------|---------------|--|
| 7722-84-1  | Hydrogen peroxide                    | Proprietary   |  |
| 68002-97-1 | Surfactant                           | Proprietary   |  |

### 4. First Aid Measures

#### Emergency and First Aid

##### Procedures:

|                                 |   |
|---------------------------------|---|
| <b>In Case of Inhalation:</b>   | If inhaled, remove to fresh air. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.                             |
| <b>In Case of Skin Contact:</b> | Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation or rash occurs, seek medical attention.            |
| <b>In Case of Eye Contact:</b>  | In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician. |
| <b>In Case of Ingestion:</b>    | If swallowed, wash out mouth with water provided person is conscious. Get medical aid immediately. Call a poison control center.  |
| <b>Note to Physician:</b>       | Treat symptomatically and supportively.   |

### 5. Fire Fighting Measures

|  |  |
|--|--|
| <b>Flash Pt:</b>                         | NE   |
| <b>Explosive Limits:</b>                 | LEL: N/A                      UEL: N/A   |
| <b>Autoignition Pt:</b>                  | NE   |
| <b>Suitable Extinguishing Media:</b>     | Suitable: Water spray. Use water spray, dry chemical, carbon dioxide, or appropriate foam.   |
| <b>Fire Fighting Instructions:</b>       | As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. |
| <b>Flammable Properties and Hazards:</b> | No data available.   |
| <b>Hazardous Combustion Products:</b>    | No data available.   |

### 6. Accidental Release Measures

|   |   |
|---|---|
| <b>Steps To Be Taken In Case Material Is Released Or Spilled:</b> | Use personal protective equipment. Absorb on sand or vermiculite and place in closed containers for disposal. Flush area with flooding quantities of water. |
|---|---|

### 7. Handling and Storage

|   |   |
|---|---|
| <b>Precautions To Be Taken in Handling:</b> | User Exposure: Do not breathe vapor. Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. |
| <b>Precautions To Be Taken in Storing:</b>  | Suitable: Keep tightly closed. Store in a cool, dry place.  |

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### 8. Exposure Controls/Personal Protection

| CAS #      | Partial Chemical Name | OSHA TWA   | ACGIH TWA  | Other Limits |
|------------|-----------------------|------------|------------|--------------|
| 7722-84-1  | Hydrogen peroxide     | PEL: 1 ppm | TLV: 1 ppm | No data.     |
| 68002-97-1 | Surfactant            | No data.   | No data.   | No data.     |

**Respiratory Equipment (Specify Type):** Always use a NIOSH approved respirator when necessary.

**Eye Protection:** Safety glasses.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** Use adequate ventilation to keep airborne concentrations low.

**Work/Hygienic/Maintenance Practices:** Wash thoroughly after handling.

### 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [X] Liquid [ ] Solid

**Appearance and Odor:** Clear, colorless liquid with no fragrance.

**pH:** ~ 4.00 - 6.00

**Melting Point:** NE

**Boiling Point:** >= 212.00 F

**Flash Pt:** NE

**Evaporation Rate:** NE

**Flammability (solid, gas):** No data available.

**Explosive Limits:** LEL: N/A UEL: N/A

**Vapor Pressure (vs. Air or mm Hg):** NE

**Vapor Density (vs. Air = 1):** NA

**Specific Gravity (Water = 1):** ~ 1.030

**Density:** ~ 8.59 LB/GA

**Bulk density:** NE

**Solubility in Water:** 100%

**Saturated Vapor Concentration:** NE

**Octanol/Water Partition Coefficient:** No data.

**VOC / Volume:** 0.0000 G/L

**Autoignition Pt:** NE

**Decomposition Temperature:** NE

**Viscosity:** NP

**Particle Size:** NE

**Heat Value:** NE

**Corrosion Rate:** NE

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### 10. Stability and Reactivity

**Reactivity:** Extremes of temperature and direct sunlight.

**Stability:** Unstable [ X ] Stable [ ]

**Conditions To Avoid - Instability:** Incompatible materials, Extremes of temperature and direct sunlight.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents, Strong acids, Strong bases, Metals. Heat, Strong reducing agents.

**Hazardous Decomposition or Byproducts:** CO, CO<sub>2</sub>, Hydrogen.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** None.

### 11. Toxicological Information

**Toxicological Information:** No data available.

**Carcinogenicity/Other Information:** CAS# 9002-92-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

| CAS #      | Hazardous Components (Chemical Name) | NTP  | IARC | ACGIH | OSHA |
|------------|--------------------------------------|------|------|-------|------|
| 7722-84-1  | Hydrogen peroxide                    | n.a. | 3    | A3    | n.a. |
| 68002-97-1 | Surfactant                           | n.a. | n.a. | n.a.  | n.a. |

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents and container according to the local, city, state and federal regulations.

### 14. Transport Information

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not regulated as a hazardous material.

**DOT Hazard Class:**

**UN/NA Number:**

#### LAND TRANSPORT (Canadian TDG):

**TDG Shipping Name:** Not Regulated.

#### MARINE TRANSPORT (IMDG/IMO):

**IMDG/IMO Shipping Name:** Not Regulated.

#### AIR TRANSPORT (ICAO/IATA):

**ICAO/IATA Shipping Name:** Not Regulated.

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### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

| CAS #      | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|------------|--------------------------------------|--------------|-----------|--------------|
| 7722-84-1  | Hydrogen peroxide                    | Yes 1000 LB  | No        | No           |
| 68002-97-1 | Surfactant                           | No           | No        | No           |

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

| CAS #      | Hazardous Components (Chemical Name) | Other US EPA or State Lists              |
|------------|--------------------------------------|--|
| 7722-84-1  | Hydrogen peroxide                    | CA PROP.65: No; CA TAC, Title 8: Title 8 |
| 68002-97-1 | Surfactant                           | CA PROP.65: No; CA TAC, Title 8: No      |

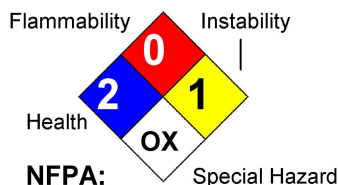
### 16. Other Information

**Revision Date:** 12/17/2020

**Hazard Rating System:**

|              |   |   |
|--------------|---|---|
| HEALTH       |   | 2 |
| FLAMMABILITY |   | 0 |
| PHYSICAL     |   | 1 |
| PPE          | C |   |

**HMIS:**



**Additional Information About** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.