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| Form #: | SDS-028 |
| Revision Date: | 08/20/2018 |
| Revision #: | 02 |
| Supersedes Date: | 2/1/2010 |

| Section 1: Identification | | | | | |
|---------------------------|--|--|------------------------|------------------------------------|-----|
| Product Name: | GreenClean [®] pH Down | Product Type / Description: | pH Adjuster | | |
| Recommended Use: | pH Adjuster | Other Means of Identification: | Citric Acid, Anhydrous | | |
| Use Restrictions: | It is a violation of federal law to use this product in a manner inconsistent with its labeling. | | | | |
| Distributor: | BioSafe Systems, LLC 22 Meadow Street East Hartford, CT 06108 | EPA Registration #: | N/A | Canada PMRA Registration #: | N/A |
| Telephone Number: | 1-888-273-3088 | Emergency Number: 1-800-424-9300 (CHEMTREC) | | | |

| Section 2: Hazard Identification | |
|---|---|
| GHS Classification | Hazard Statements |
| Eye Irritant: Category 2A | H319: Causes serious eye irritation. |
| Pictograms | Signal Word |
|  | WARNING |
| Precautionary Statements | |
| General | Response |
| P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use. | P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337 + P313: If eye irritation persists: Get medical advice/attention. |
| Prevention | Storage / Disposal |
| P264: Wash thoroughly after handling. P280: Wear protective gloves, clothing, eye protection, face protection. | P402: Store in a dry place. P501: Dispose of contents/container in accordance with local/regional/national/international regulations. |

| Section 3: Composition / Information on Ingredients | | |
|---|---------------|----------------------------|
| Components | CAS-No | % Composition (w/w) |
| Citric Acid, Anhydrous | 77-92-9 | 100.0% |

| Section 4: First-Aid Measures | |
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| Eye Contact: | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Skin Contact: | Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| Ingestion: | Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |
| Inhalation: | Allow victim to breathe fresh air. Allow the victim to rest. |
| Notes to Physician: | Not applicable. |

| Section 5: Fire-Fighting Measures | |
|---|---|
| Suitable Extinguishing Media: | Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable Extinguishing Media: | Do not use a heavy water stream. |
| Combustion Products: | None. |
| Unusual Fire and Explosion Hazards: | None. |
| Protective Equipment for Firefighters: | Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection. |

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Section 6: Accidental Release Measures

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| Personal Precautions: | Evacuate unnecessary personnel. |
| Emergency Procedures: | Equip cleanup crew with proper protection. Ventilate area. |
| Environmental Precautions: | Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. |
| Methods and Material for Containment and Clean-Up: | On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials. |

Section 7: Handling and Storage

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| Handling: | Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Wash exposed skin thoroughly after handling. |
| Storage: | Keep only in the original container in a cool, well ventilated place away from incompatible materials. Keep container closed when not in use. |
| Incompatible Materials: | Strong bases. Strong oxidizers. Sources of ignition. Direct sunlight. |

Section 8: Exposure Controls / Personal Protection

Components with Workplace Control Parameters

| Component | ACGIH | NIOSH | OSHA |
|---------------------------------------|---|-----------------|-----------------|
| Citric Acid, Anhydrous | Not applicable. | Not applicable. | Not applicable. |
| Engineering Controls: | Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. | | |
| General Hygienic Practices: | Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. | | |
| Personal Protective Equipment: | Gloves. Safety glasses. | | |
| Respiratory Protection: | Respiratory protection not required in normal conditions. | | |
| Eye / Face Protection: | Safety glasses / goggles. | | |
| Hands: | Latex or nitrile gloves. | | |
| Skin / Body: | Wear suitable protective clothing. | | |

Section 9: Physical and Chemical Properties

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|--------------------------|---------------------|---|-------------------------|-----------------------------------|-----------------------------------|
| Appearance: | Solid white powder. | Odor: | None. | Odor Threshold: | Not available. |
| pH: | 1.7 in 10% solution | Specific Gravity: | 1.665 g/cm ³ | Viscosity: | Not available. |
| Melting Point: | 153°C | Freezing Point: | Not available. | Boiling Point: | 175°C |
| Flash Point: | Not available. | Flammability: | Non-flammable. | Flammability Limits: | Not available. |
| Vapor Pressure: | Not available. | Vapor Density: | Not available. | Solubility: | Soluble in water, ethanol, ether. |
| Evaporation Rate: | Not available. | Auto-Ignition Temperature: | Not available. | Decomposition Temperature: | 175°C |
| Relative Density: | Not available. | Partition Coefficient n-octanol / water: | Not available. | | |

Section 10: Stability and Reactivity

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| Stability: | Stable under ordinary conditions of use and storage. |
| Conditions to Avoid: | Direct sunlight. Extremely high or low temperatures. |
| Incompatible Materials: | Strong acids. Strong bases. |
| Hazardous Decomposition Products: | Carbon monoxide. Carbon dioxide. |

Section 11: Toxicological Information

Acute Toxicological Data

| | | | | | |
|-----------------------------------|--|---------------------|----------------|-------------------------|----------------|
| Oral LD50: | 5400 mg/kg (rat) | Dermal LD50: | Not available. | Inhalation LC50: | Not available. |
| Likely Routes of Exposure: | Inhalation, eye contact, skin contact. | | | | |

Symptoms and Effects

| Condition | Acute Effects | Chronic (Delayed) Effects |
|----------------------|-----------------------------------|-----------------------------|
| Eye Contact: | Causes serious irritation. | None. |
| Skin Contact: | May cause mild irritation. | None. |
| Inhalation: | May cause respiratory irritation. | None. |
| Ingestion: | May cause nausea. | Discoloration of the teeth. |

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| Section 12: Ecological Information | |
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| Ecotoxicity: | LC50 fish 1, 440 mg/L; EC50 Daphnia 1, 1534 mg/L |
| Persistence and Degradability: | Not available. |
| Bioaccumulation Potential: | Not available. |
| Mobility in Soil: | Not available. |
| Other Adverse Effects: | Avoid release to the environment |

| Section 13: Disposal Considerations | |
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| Waste from Residues and Unused Product: | Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations. Avoid release to the environment. |
| Contaminated Container Disposal: | Do not reuse or refill this container. Triple rinse empty containers with clean water. Clean and empty containers are to be recycled or placed in the trash. |

| Section 14: Transport Information | | | | | |
|-----------------------------------|-------------------------|---------------------------|--------------------|---------------|------------------|
| UN Number | UN Proper Shipping Name | Hazard Class (Subsidiary) | Label (Subsidiary) | Packing Group | Marine Pollutant |
| Not Regulated | | | | | |

| Section 15: Regulatory Information | | | | | | | |
|------------------------------------|--|--|-------------------------|-----------------------|-----------------|-------------------------|-----------------|
| TSCA Inventory List: | Yes | US EPA CERCLA Hazardous Substances: | Not applicable. | | | | |
| SARA Title III Sec. 302/303 | Not applicable. | | | Sec. 302 TPQ: | Not applicable. | | |
| SARA Title III Sec. 311/312 | Not applicable. | | Hazard Category: | Not applicable. | | Sec. 304 EHS RQ: | Not applicable. |
| US EPA EPCRA Sec. 313 | Not applicable. | | | Threshold Qty: | Not applicable. | | |
| NFPA Rating | Health: 1 | Flammability: 0 | Reactivity: 0 | Special: | Not applicable. | | |
| HMIS Rating | Health: 1 | Flammability: 0 | Physical: 0 | PPE: | Recommended. | | |
| CAN WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects. | | | | | | |
| California Prop 65 | This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm. | | | | | | |

| Section 16: Other Information |
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| <p>According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations</p> <p>To the extent of our knowledge, the information herein is accurate as of the date of this document. However, neither BioSafe Systems nor any of its affiliates make any warranty, expressed or implied, or accept any liability relating to the information or its use. The information is for use by technically skilled persons at their own discretion and risk. This is not a license or a patent. The user alone must finally determine suitability of any information or material for any contemplated use, the manner or use and whether any patents are infringed. Always read and follow label directions.</p> <p style="text-align: center;">BioSafe Systems</p> <p>For additional information, call us toll-free at 1.888.273.3088 or visit www.biosafesystems.com</p> <p>© 2018 BioSafe Systems, LLC. Revision Date: 08/20/2018 Current Revision Number: 02</p> |

Key to Abbreviations

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| ACGIH - American Conference of Governmental Industrial Hygiene | TWA - Time-Weighted Averages are based on 8h/day, 40h/week exposures |
| NIOSH - National Institute of Occupational Safety and Health | STEL - Short Term Exposure Limits are based on 15-minute exposures |
| OSHA - Occupational Safety and Health Administration | STEV - Short Term Exposure Value |
| EHS - Environmental Health and Safety | PEL - Permissible Exposure Limit |
| DOT - Department of Transportation | CAN TDG - Canadian Transportation of Dangerous Goods |
| EPA - Environmental Protection Agency | TSCA - Toxic Substances Control Act |
| TPQ - Threshold Planning Quantity | RQ - Reportable Quantity |
| CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act | SARA - Superfund Amendments and Reauthorization Act |
| NFPA - National Fire Protection Association | HMIS - Hazardous Materials Identification System |
| WHMIS - Workplace Hazardous Materials Information System (Canada) | EPCRA - Emergency Planning and Community Right-to-Know Act |