


Form #:	SDS-021
Revision Date:	05/31/2018
Revision #:	02
Supersedes Date:	8/1/2012

Section 1: Identification			
<b>Product Name:</b>	GreenClean® Liquid Bacteria	<b>Product Type / Description:</b>	Beneficial Bacteria
<b>Recommended Use:</b>	Digest waste and reduce obnoxious odors.	<b>Other Means of Identification:</b>	N/A
<b>Use Restrictions:</b>	It is a violation of federal law to use this product in a manner inconsistent with its labeling.		
<b>Manufacturer:</b>	<b>BioSafe Systems, LLC</b> 22 Meadow Street   East Hartford, CT 06108	<b>EPA Registration #:</b>	N/A
<b>Telephone Number:</b>	1-888-273-3088	<b>Canada PMRA Registration #:</b>	N/A
<b>Emergency Number: 1-800-424-9300 (CHEMTREC)</b>			

Section 2: Hazard Identification	
<b>GHS Classification</b>	<b>Hazard Statements</b>
Eye Irritation: Category 2B Acute Toxicity (Oral, Dermal): Category 5	<b>H316:</b> Causes mild skin irritation. <b>H320:</b> Causes eye irritation. <b>H335:</b> May cause respiratory irritation.
<b>Pictograms</b>	<b>Signal Word</b>
	<b>WARNING</b>
Precautionary Statements	
<b>General</b>	<b>Response</b>
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.	P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P332 + P353: IF ON SKIN (or hair): If skin irritation occurs rinse skin with water/shower. P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P363: Wash contaminated clothing before reuse. P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
<b>Prevention</b>	<b>Storage / Disposal</b>
P264: Wash thoroughly after handling. P270: Do not eat, drink, or smoke when using this product. P273: Avoid release to the environment. P280: Wear protective gloves, clothing, eye protection, face protection.	P403 + P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.  P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition / Information on Ingredients		
<b>Components</b>	<b>CAS-No</b>	<b>% Composition (w/w)</b>
Strains of Beneficial Bacteria	N/A	100.0%

Section 4: First-Aid Measures	
<b>Eye Contact:</b>	Rinse with water for a few minutes. Consult physician if symptoms occur.
<b>Skin Contact:</b>	Rinse with water. Consult physician if symptoms occur.
<b>Ingestion:</b>	Get medical attention if symptoms occur.
<b>Inhalation:</b>	Move to a ventilated location. Consult physician if symptoms occur.

Section 5: Fire-Fighting Measures	
<b>Suitable Extinguishing Media:</b>	Carbon dioxide, dry chemical powder, alcohol resistant foam or water spray.
<b>Unsuitable Extinguishing Media:</b>	None.
<b>Combustion Products:</b>	Isolate from alkalis, oxidizers, extreme heat, and open flames.
<b>Unusual Fire and Explosion Hazards:</b>	May emit hazardous fumes under fire conditions.
<b>Protective Equipment for Firefighters:</b>	Wear self-contained respirator and fully protective impervious suit.

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### Section 6: Accidental Release Measures

<b>Personal Precautions:</b>	Wear a self-contained breathing apparatus, rubber boots and gloves, and disposable coveralls. Dispose of coveralls after use. Keep unprotected persons away.
<b>Emergency Procedures:</b>	Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.
<b>Environmental Precautions:</b>	Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.
<b>Methods and Material for Containment and Clean-Up:</b>	Absorb spilled liquid with polypads or other suitable absorbent materials. If necessary, neutralize using suitable buffering material, (acid with soda ash or base with phosphoric acid), and test area with litmus paper to confirm neutralization. Clean up with non-combustible absorbent (such as: sand, soil, and so on). Shovel up and place all spill residue in suitable containers. dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

### Section 7: Handling and Storage

<b>Handling:</b>	Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Open and handle container with care. Keep ignition sources away.
<b>Storage:</b>	Store in a tightly closed container in a dry, well-ventilated place at 15-30°C.
<b>Incompatible Materials:</b>	Strong oxidizers, acids and bases.

### Section 8: Exposure Controls / Personal Protection

#### Components with Workplace Control Parameters

Component	ACGIH	NIOSH	OSHA
Strains of Beneficial Bacteria	Not applicable.	Not applicable.	Not applicable.
<b>Engineering Controls:</b>	Emergency eye wash station should be nearby.		
<b>General Hygienic Practices:</b>	Do not eat, drink or smoke during use.		
<b>Personal Protective Equipment:</b>	Protective clothing, protective goggles, gloves, safety glasses.		
<b>Respiratory Protection:</b>	Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced.		
<b>Eye / Face Protection:</b>	Chemical goggles or safety glasses.		
<b>Hands:</b>	Chemical resistant gloves.		
<b>Skin / Body:</b>	Wear suitable protective clothing.		

### Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Tan liquid.	<b>Odor:</b>	Slight earthiness.	<b>Odor Threshold:</b>	Not available.
<b>pH:</b>	6.5 – 8.5	<b>Specific Gravity:</b>	1.01 g/cm <sup>3</sup>	<b>Viscosity:</b>	Not available.
<b>Melting Point:</b>	Not available.	<b>Freezing Point:</b>	Not available.	<b>Boiling Point:</b>	Not available.
<b>Flash Point:</b>	Not available.	<b>Flammability:</b>	Not available.	<b>Flammability Limits:</b>	Not available.
<b>Vapor Pressure:</b>	Not available.	<b>Vapor Density:</b>	Not available.	<b>Solubility:</b>	Complete.
<b>Evaporation Rate:</b>	Not available.	<b>Auto-ignition Temperature:</b>	Not available.	<b>Decomposition Temperature:</b>	Not available.
<b>Relative Density:</b>	Not available.	<b>Partition Coefficient n-octanol / water:</b>	Not available.		

### Section 10: Stability and Reactivity

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Conditions to Avoid:</b>	Heat, flames, and ignition sources.
<b>Incompatible Materials:</b>	Strong oxidizers, acids and bases.
<b>Hazardous Decomposition Products:</b>	Carbon Oxides, Sodium Oxides, Sulfur Oxides from heating.

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Section 11: Toxicological Information			
Acute Toxicological Data			
Oral LD50:	Not available.	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:	May cause irritation.	None.	
Skin Contact:	May cause irritation.	None.	
Inhalation:	May cause irritation.	None.	
Ingestion:	May be harmful if swallowed.	None.	

Section 12: Ecological Information	
Ecotoxicity:	None found.
Persistence and Degradability:	Not available.
Bioaccumulation Potential:	Not available.
Mobility in Soil:	Not available.
Other Adverse Effects:	Not available.

Section 13: Disposal Considerations	
Waste from Residues and Unused Product:	Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.
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:	The components in this product are either not CERCLA regulated, regulated but present in negligible concentrations, or regulated with no assigned reportable quantity.		
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:
US EPA EPCRA Sec. 313	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.				Threshold Qty:
NFPA Rating	Health: 1	Flammability: 0	Reactivity: 0	Special:	Not applicable.
HMIS Rating	Health: 1	Flammability: 0	Physical: 0	PPE:	Recommended.
CAN WHMIS Classification	None.				
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
<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;"><b>BioSafe Systems</b></p> <p>For additional information, call us toll-free at 1.888.273.3088 or visit <a href="http://www.biosafesystems.com">www.biosafesystems.com</a></p> <p>© 2018 BioSafe Systems, LLC. Revision Date: 05/31/2018 Current Revision Number: 02</p>



# SAFETY DATA SHEET (SDS)

## GreenClean® Liquid Bacteria

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### Key to Abbreviations

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