

Form #:	SDS-041
Revision Date:	01/04/2019
Revision #:	04
Supersedes Date:	8/30/2018

Section 1: Identification					
Product Name:	SaniDate® RTU	Product Type / Description:	Sanitizer		
Recommended Use:	Sanitizer	Other Means of Identification:	Hydrogen Peroxide		
Use Restrictions:	It is a violation of federal law to use this product in a manner inconsistent with its labeling.				
Manufacturer:	BioSafe Systems, LLC 22 Meadow Street East Hartford, CT 06108	EPA Registration #:	70299-9	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
Components of this mixture fall below minimum concentration thresholds and are not classified as hazardous by GHS/OSHA guidelines.	None
Pictograms	Signal Word
None	None
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.	P308+311: If exposed or concerned: Call a doctor for advice.
Prevention	Storage / Disposal
P270: Do not eat, drink or smoke when using this product.	P410: Protect from sunlight. 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)
Hydrogen Peroxide	7722-84-1	< 1.0%

Section 4: First-Aid Measures	
Eye Contact:	Hold eye(s) open and rinse cautiously with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a doctor for treatment advice if symptoms persist.
Skin Contact:	No specific first aid measures are required.
Ingestion:	No specific first aid measures are required.
Inhalation:	No specific first aid measures are required.

Section 5: Fire-Fighting Measures	
Suitable Extinguishing Media:	Water Spray.
Unsuitable Extinguishing Media:	Dry chemical, foam, carbon dioxide.
Combustion Products:	None known.
Unusual Fire and Explosion Hazards:	None known.
Protective Equipment for Firefighters:	Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental Release Measures	
Personal Precautions:	Avoid inhalation, ingestion and contact with skin and eyes.
Emergency Procedures:	Ensure clean-up is conducted by trained personnel.
Environmental Precautions:	Avoid large releases of concentrate to the environment.
Methods and Material for Containment and Clean-Up:	Smaller spills may be flushed to an approved sewer line with copious amounts of water. For larger spills, dike well ahead of spill with non-reactive material such as sand.

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Section 7: Handling and Storage

Handling:	Do not eat, drink, or smoke when using this product. Wash thoroughly after handling.
Storage:	Keep product in original container. Store in a cool, dry area. Keep out of direct sunlight and away from heat sources. Do not allow product to freeze.
Incompatible Materials:	Store away from combustible materials.

Section 8: Exposure Controls / Personal Protection

Components with Workplace Control Parameters

Component	ACGIH	NIOSH	OSHA
Hydrogen Peroxide	TWA 1 ppm	TWA: 1.4 mg/m ³ - 8 hours. TWA: 1 ppm - 8 hours.	TWA: 1.4 mg/m ³ - 8 hours. TWA: 1 ppm - 8 hours.
Engineering Controls:	No specific controls are needed for use.		
General Hygienic Practices:	Do not eat, drink or smoke during use.		
Personal Protective Equipment:	None needed during normal use.		
Respiratory Protection:	None needed during normal use.		
Eye / Face Protection:	None needed during normal use.		
Hands:	None needed during normal use.		
Skin / Body:	None needed during normal use.		

Section 9: Physical and Chemical Properties

Appearance:	Clear, colorless liquid.	Odor:	None.	Odor Threshold:	Not available.
pH:	2.6 – 3.0	Specific Gravity:	1.00 g/cm ³	Viscosity:	Not available.
Melting Point:	Not available.	Freezing Point:	0°C (32°F)	Boiling Point:	Not available.
Flash Point:	Not available.	Flammability:	Not available.	Flammability Limits:	Not available.
Vapor Pressure:	Not available.	Vapor Density:	Not available.	Solubility:	Complete.
Evaporation Rate:	Not available.	Auto-ignition Temperature:	Not available.	Decomposition Temperature:	Not available.
Relative Density:	Not available.	Partition Coefficient n-octanol / water:	Not available.		

Section 10: Stability and Reactivity

Stability:	The product is stable under normal conditions.
Conditions to Avoid:	Direct sunlight. Combustible materials.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	None known.

Section 11: Toxicological Information

Acute Toxicological Data

Oral LD50:	>5000 mg/kg (rat)	Dermal LD50:	Not applicable.	Inhalation LC50:	Not applicable.
Likely Routes of Exposure:	Skin contact.				
Symptoms and Effects					
Condition	Acute Effects			Chronic (Delayed) Effects	
Eye Contact:	None known.			None.	
Skin Contact:	None known.			None.	
Inhalation:	None known.			None.	
Ingestion:	None known.			None.	

Section 12: Ecological Information

Ecotoxicity:	Not available.
Persistence and Degradability:	Weak persistence of degradation products.
Bioaccumulation Potential:	Not available.
Mobility in Soil:	Non-significant adsorption soil degradation = 99% in 20 minutes.
Other Adverse Effects:	Not significant.

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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:	Not applicable.		
SARA Title III Sec. 302/303	Hydrogen Peroxide		Sec. 302 TPQ:	Hydrogen Peroxide 1000 lbs.	
SARA Title III Sec. 311/312	Not applicable.	Hazard Category:	Not applicable.	Sec. 304 EHS RQ:	Hydrogen Peroxide 1000 lbs.
US EPA EPCRA Sec. 313	Not applicable.		CAA Threshold Qty:	Not applicable.	
NFPA Rating	Health: 0	Flammability: 0	Reactivity: 0	Special:	None.
HMIS Rating	Health: 0	Flammability: 0	Physical: 0	PPE:	Not required.
CAN WHMIS Classification	Not applicable.				
California Prop 65	This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.				
EPA	This product is a registered pesticide with the United States Environmental Protection Agency and is subject to EPA labeling requirements under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). These requirements may differ from the classification criteria and hazard information required for a safety data sheet under the Global Harmonized Systems (GHS), and for workplace labels of non-pesticide chemicals. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Always refer to product label for further precautionary information and use directions.				

Section 16: Other Information

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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For additional information, call us toll-free at 1.888.273.3088 or visit www.biosafesystems.com

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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