

Revision Date: 10/2015 Supersedes: NA

1Section 1: Identification		
Product Name: SaniDate 15.0		Product Type/Description: Sanitizer
Recommended Use/ Use Restrictions: Sanitizer / For Commercial Use/ It		Other Means of Identification Peracetic Acid, Peroxyacetic Acid, PAA
is a violation of federal law to use this product in a manner inconsistent		EPA Registration Number: 70299-26
with its labeling		EFA Registration Number: 70299-20
Manufacturer: BioSafe Systems LLC		Emergency Number: 800-424-9300 (CHEMTREC)
22 Meadow Street, East Hartford, CT 06108		
Telephone Number: (888-273-3088)		

Section 2: Hazard Identification

GHS Classification: (As Concentrate)

Oxidizing Liquid: Category 3 Organic Peroxide: Type F Corrosive to Metals: Category 1

Acute Toxicity (oral, dermal and inhalation): Category 4

Skin Corrosion: Category 1 Serious Eye Damage: Category 1

Specific Target Organ Toxicity (single exposure): Category 3

Hazardous to the Aquatic Environment – Acute Hazard:

Category 2

Hazard Statements: (As

Concentrate)

H272: May intensify fire; oxidizer H242: Heating may cause fire H290: May be corrosive to metals H302: Harmful if swallowed

H302: Harmful if swallower H332: Harmful if inhaled

H313: Causes severe skin burns and

eye damage

H335: May cause respiratory

irritation

H401:Toxic to aquatic life

Pictograms:







Signal Word: DANGER

Precautionary Statements:

General:

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.

Prevention:

P210: Keep away from heat, sparks or open flames, no smoking

P220: Store away from combustible materials

P221: Take any precautions to avoid mixing with combustibles

P234: Keep only in original container

P260: Do not breathe fumes, mist or vapors

P262: Do not get in eyes, on skin or on clothing

P264: Wash thoroughly after handling

P270: Do not eat, drink, or smoke when using this product.

P280: Wear protective gloves, clothing, eye protection, face protection

P271: Use only outdoors or in a well-ventilated area

P273: Avoid release to the environment

Response:

P301+P330+P331: If SWALLOWED: Rinse mouth. Do not induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all

contaminated clothing. Rinse skin with water/shower

P304+P340: IF INHALED: Remove person to fresh air and keep 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.

P310: Immediately call a POISON CENTER/doctor.

P321: For specific treatments see FIRST AID section on SDS or label **P370+P378:** In case of fire: Use water or other suitable extinguishing media

P390: Absorb spillage to prevent material damage

Storage:

P405: Store locked up

P410: Protect from sunlight

P411: Store at temperatures not exceeding 55°C (131°F)

P406: Store in corrosive resistant container, never use metal containers

P420: Store away from Incompatible materials

Disposal

P501_Dispose of contents/container in accordance with local/regional/national/international regulations

Other Information:

NFPA Rating Health – 2; Flammability – 0; Reactivity – 3 Special –OXY **HMIS Rating** Health – 2; Flammability – 0; – Reactivity – 2; PPE – Required

Section 3: Composition/Information on Ingredients		
Components:	Identifiers:	% Concentration by Weight:
Hydrogen Peroxide	7722-84-1	10%
Peroxyacetic Acid	79-21-0	14-17%
Acetic Acid	64-19-7	58-61%



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Section 4: First-aid Measures		
Eye Contact:	Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then	
	continue rinsing eye. Call a poison control center or doctor for treatment advice.	
Skin Contact:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for	
	treatment advice.	
Ingestion	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce	
_	vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.	
Inhalation:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if	
	possible. Call poison control center or doctor for treatment advice.	
Note to Physician:	Probable mucosal damage may contraindicate the use of gastric lavage.	

Section 5: Fire-fighting Measures			
Suitable Extinguishing Media: Product is not flammable and can be quickly diluted with clean water. Oxidizing Agent may cause spontaneous ignition with oxidizing agents			
Unsuitable Extinguishing Media: None Known			
Combustion Products:	Carbon Oxides		
Unusual Fire and Explosion Hazards:	Product (concentrate) can decompose and will release oxygen thereby adding to the fire hazard. Oxidizing Agent, may cause spontaneous ignition with other oxidizing agents		
Protective Equipment for Firefighters:	Use PPE equipment		

Section 6: Accidental Release Measures		
Personal Precautions:	Ensure adequate ventilation. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Avoid	
	inhalation, ingestion and contact with skin and eyes	
Emergency Procedures	Ensure clean-up is conducted by trained personnel. Personnel should wear protective equipment outlined in Sections 7 &	
	8. If facing concentrations above exposure limits personnel shall wear certified respirators	
Environmental Precautions	Prevent spill from entering waterways	
Methods and Material for	Cleanup: Rinse small amounts to drain when possible. Dike or dam large spills, pump to containers or soak in inert	
Containment and Cleaning up	absorbent. Flush residue to sanitary sewer, rinse area thoroughly with clean water. Avoid materials that are incompatible	
	with concentrate. Waste Disposal: Consult state and local authorities for restrictions on disposal of chemical wastes.	
	Unused product (concentrate) is classified as a (D002) by RCRA criteria.	

Section 7: Handling and Storage	
Handling:	Wear protective gloves/eye protection/face protection Do not eat, drink, or smoke when using this product. Wash thoroughly after
_	handling Avoid breathing fumes/mist/vapors. Use only outdoors or in a well-ventilated area
Storage:	Keep away from heat. Keep only in original container. Protect from sunlight. Store at temperatures not exceeding 55°C (131°F). Never return product back to the original container. Store in cool, ventilated area. Never use metal containers or spigots. Use vented container
Incompatible Materials:	Store away from combustible materials. Keep concentrate away from reactive substances

Section 8: Exposure Controls/Personal Protection				
Components wi	th workplace control	parameters		
Component		ACGIH	NIOSH	OSHA
Acetic Acid		TWA 10 ppm	TWA: 25 mg/m³- 8 hours. TWA: 10 ppm- 8 hours.	TWA: 25 mg/m ³ - 8 hours. TWA: 10 ppm- 8 hours.
Hydrogen Peroxide		TWA 1 ppm	TWA: 1.4 mg/m³- 8 hours. TWA: 1 ppm- 8 hours.	TWA: 1.4 mg/m³- 8 hours. TWA: 1 ppm- 8 hours.
Engineering Controls Effective exhaust ventilation system				
	Respiratory	NIOSH approved full-face respirator for excessive conditions		
Personal	Eye/Face Protection			
Protection	Hands			
Equipment	Skin/Body	coveralls when handling concentrate		
	General Hygienic Practices		ske when using this product. Wash thoroughly after h minated clothing before reuse	andling Avoid breathing fumes/mist/vapors.



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Section 9: Physical and Chemical Properties			
Appearance: Clear, colorless liquid	Odor: Pungent	pH: < 1	
Melting Point: no data available	Freezing Point: no data available	Boiling Point: N/A; product decomposes	
Flash Point: 200.1°F (93.4°C)	Flammability: non flammable	Flammable Limits: no data available	
Vapor Pressure: no data available	Specific Gravity: 1.13 at 20°C	Solubility (ies): Complete	
Partition Coefficient n- octanol/water:	Auto-ignition Temperature:	Decomposition Temperature:	
no data available	no data available	self-accelerating decomposition temperature > 55°C	

Section 10: Stability and Reactivity		
Stability:	Stable under normal conditions, with slow oxygen release	
Conditions to Avoid	Heat / Direct Sunlight /water/moisture, contact with combustible materials	
Incompatible materials		
Hazardous Decomposition	N/A	
Products		

Section 11: Toxicological Information		
Acute Toxicological Data:	Oral Toxicity Estimate: rat LD50: 1,115 -	Dermal Toxicity Estimate: rabbit LD50 1,147 –
_	2,958 mg/kg	1957 mg/kg
Inhalation Toxicity Estimate: 4h., rat 1.0-1.2	Skin irritation: corrosive, severely irritating	Eye irritation: corrosive, severely irritating
mg/L		
Likely Routes of Exposure: Inhalation, eye contact, skin contact		
Symptoms and effects:	Acute Effects	
Eye Contact	Causes serious eye damage	
Skin Contact	Causes severe skin burns	
Inhalation	May cause respiratory track irritation	
Ingestion	Harmful if swallowed	
Chronic exposure:	Dermal and inhalation – irritating effects	

Section 12: Ecological Information		
Ecotoxicity Bluegill sunfish: Acute 1.21ppm. Toxic to simple cell and aquatic organisms. Danger to the environment limited; due to product properties		
Persistence and degradability	Weak persistence of degradation products	
Bioaccumulation potential	No bioaccumulation	
Mobility is Soil	Non-significant adsorption Soil degradation = 99% in 20 minutes	
Other adverse effects	N/A	

Section 13: Disposal Considerations		
Waste From Residues and Unused Product Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility		
Open dumping is prohibited. If wastes cannot be disposed of according to label directions, contact your St		
Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Region		
Office for guidance.		
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		
US DOT	3109	Organic Peroxide type F, liquid Peroxyacetic acid or peracetic acid (with not more than 26% hydrogen peroxide	5.2(8)	Organic Peroxide (Corrosive)	II	NO		
CA TDG	3109	Organic Peroxide type F, liquid Peroxyacetic acid or peracetic acid (with not more than 26% hydrogen peroxide	5.2(8)	Organic Peroxide (Corrosive)	II	NO		
Special Precautions: Shipping Container: UN Certified vented polyethylene								



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	Sec	ction 15: Regulatory Information				
TSCA Inventory List:	Yes	US EPA CERCLA Hazardous Substances: Acetic Acid 5000 lbs				
SARA Title III Section	302/303 Extremely Hazardous	EHS RQ: Peroxyacetic Acid 500 lbs	TPQ: Peroxyacetic Acid 500 lbs			
Substance: Peroxyacetic	acid					
SARA Title III Sec. 31	1/312: Peroxyacetic acid	Hazard category: Acute Health Hazard Reactivity Hazard, Fire Hazard				
US. EPA EPCRA Sect	tion 313 listed: Peroxyacetic acid	Threshold quantity (processed or manufactured): 10,000 lbs	Threshold quantity (otherwise used): 25,0000 lbs			
Canadian WHIMIS Classification	C – Oxidizing E – Corrosive F – Dangerously Reactive					
California Prop 65	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.					
EPA	This product is a registered Sanitizer/Disinfectant 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

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Bi Safe Systems

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