


Section 1: Identification	
<b>Product Name:</b> BioSafe Disease Control®	<b>Product Type/Description:</b> Fungicide/Bactericide
<b>Recommended Use/ Use Restrictions:</b> Pesticide; It is a violation of federal law to use this product in a manner inconsistent with its labeling	<b>Other Means of Identification:</b> hydrogen peroxide/ peroxyacetic acid solution
	<b>EPA Registration Number:</b> 70299-16
<b>Manufacturer:</b> BioSafe Systems LLC 22 Meadow Street, East Hartford, CT 06108 <b>Telephone Number:</b> (888-273-3088)	<b>Emergency Number:</b> 800-424-9300 (CHEMTREC)

Section 2: Hazard Identification		
<b>GHS Classification (As Concentrate)</b> Serious Eye Damage: Category 1 Skin Corrosion/Irritation: Category 3	<b>Hazard Statements: (As Concentrate)</b> <b>H318:</b> Causes serious eye damage <b>H316:</b> Causes mild skin irritation	<b>Pictograms:</b>  <b>Signal Word: DANGER</b>
Precautionary Statements:		
<b>General:</b> <b>P101:</b> If medical advice is needed, have product container or label at hand <b>P102:</b> Keep out of reach of children <b>P103:</b> Read label before use.  <b>Prevention:</b> <b>P264:</b> Wash thoroughly after handling <b>P280:</b> Wear protective gloves, clothing, eye protection, face protection	<b>Response:</b> <b>P305+P351+P338:</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. <b>P310:</b> Immediately call a POISON CENTER/doctor. <b>P332+P313:</b> If skin irritation occurs: Get medical advice/attention <b>P321:</b> For specific treatments see FIRST AID section on SDS or label  <b>Disposal</b> <b>P501:</b> 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>% Concentration by Weight:</b>
Hydrogen Dioxide	7722-84-1	5.34%
Peroxyacetic Acid	79-21-0	1.36%
Acetic Acid	64-19-7	14.5%

Section 4: First-aid Measures	
<b>Eye Contact:</b>	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.
<b>Skin Contact:</b>	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.
<b>Ingestion</b>	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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
<b>Inhalation:</b>	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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1.800.222.1222 for emergency treatment information.
<b>Note to Physician:</b>	Probable mucosal damage may contraindicate the use of gastric lavage.

### Section 5: Fire-fighting Measures

<b>Suitable Extinguishing Media:</b>	Product is not flammable. Dry chemical, water spray, foam, carbon dioxide.
<b>Unsuitable Extinguishing Media:</b>	None Known
<b>Combustion Products:</b>	Carbon Oxides
<b>Unusual Fire and Explosion Hazards:</b>	Product (concentrate) can decompose and will release oxygen thereby adding to the fire hazard.
<b>Protective Equipment for Firefighters:</b>	Use PPE equipment

### Section 6: Accidental Release Measures

<b>Personal Precautions:</b>	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes
<b>Emergency Procedures</b>	Keep away materials that are incompatible with this product (section 10) All receiving equipment should be clean, dry, vented, labeled and made of materials compatible with the product.
<b>Environmental Precautions</b>	Prevent spill from entering waterways
<b>Methods and Material for Containment and Cleaning up</b>	Do not return spilled or contaminated material to inventory. Rinse small amounts to drain, when possible. Clean the area with water.

### Section 7: Handling and Storage

<b>Handling:</b>	Wear protective gloves/eye protection. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling . Use only outdoors or in a well-ventilated area
<b>Storage:</b>	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
<b>Incompatible Materials:</b>	Store away from combustible materials. Keep concentrate away from reactive substances

### Section 8: Exposure Controls/Personal Protection

Components with workplace control parameters			
Component	ACGIH	NIOSH	OSHA
Acetic Acid	TWA 10 ppm	TWA: 25 mg/m <sup>3</sup> - 8 hours. TWA: 10 ppm- 8 hours.	TWA: 25 mg/m <sup>3</sup> - 8 hours. TWA: 10 ppm- 8 hours.
Hydrogen Peroxide	TWA 1 ppm	TWA: 1.4 mg/m <sup>3</sup> - 8 hours. TWA: 1 ppm- 8 hours.	TWA: 1.4 mg/m <sup>3</sup> - 8 hours. TWA: 1 ppm- 8 hours.
<b>Engineering Controls</b>		Adequate ventilation	
<b>Personal Protection Equipment</b>	<b>Respiratory</b>	Avoid breathing mist or vapors of concentrate	
	<b>Eye/Face Protection</b>	chemical proof goggles	
	<b>Hands</b>	Hand gloves for handling concentrate = butyl rubber	
	<b>Skin/Body</b>	Protective clothing/shoes	
	<b>General Hygienic Practices</b>	Do not eat, drink, or smoke when using this product. Wash thoroughly after handling Avoid breathing fumes/mist/vapors. Remove and wash contaminated clothing before reuse	

### Section 9: Physical and Chemical Properties

<b>Appearance:</b> Clear, colorless liquid	<b>Odor:</b> Pungent	<b>pH:</b> 1.13
<b>Melting Point:</b> No data available	<b>Freezing Point:</b> -30°C (-22°F)	<b>Boiling Point:</b> Not applicable, product decomposes
<b>Flash Point:</b> No data available	<b>Flammability:</b> No data available	<b>Flammable Limits:</b> No data available
<b>Vapor Pressure:</b> No data available	<b>Specific Gravity:</b> 1.04	<b>Solubility(ies):</b> soluble
<b>Partition Coefficient n- octanol/water:</b> No data available	<b>Auto-ignition Temperature:</b> No data available	<b>Decomposition Temperature:</b> self-accelerating decomposition temperature > 55°C

### Section 10: Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions, with slow oxygen release
<b>Conditions to Avoid</b>	Heat / Direct Sunlight
<b>Incompatible materials</b>	Acids / Bases / Reducing Agents Organic Materials /Metals / Salts of Metals
<b>Hazardous Decomposition Products</b>	N/A

Section 11: Toxicological Information		
<b>Acute Toxicological Data:</b>	<b>Oral:</b> LD50 rat estimated > 2,000 mg/kg	<b>Dermal:</b> LD50 rat estimated > 5,000 mg/kg
<b>Inhalation:</b> N/D	<b>Primary Skin irritation:</b> rabbit, slight irritant.	<b>Primary Eye irritation:</b> rabbit, irritating
<b>Likely Routes of Exposure:</b> eye contact, skin contact, inhalation		
<b>Symptoms and effects:</b>	<b>Acute Effects</b>	
<b>Eye Contact</b>	Causes eye damage	
<b>Skin Contact</b>	Can cause skin irritation	
<b>Inhalation</b>	May cause respiratory tract irritation	
<b>Ingestion</b>	Harmful if swallowed	
<b>Chronic exposure:</b>	Dermal and inhalation – irritating effects	

Section 12: Ecological Information	
<b>Ecotoxicity</b>	Toxic to simple cell and aquatic organisms; Fish, Rainbow trout LC50, 48 hours > 40 mg/L Crustaceans, EC 50,48 hours 126.8 mg/l 1 mg/ L Bacteria, Pseudomonas aeruginosa, EC 100, 5 minutes, 5mg/L
<b>Persistence and degradability</b>	Weak persistence of degradation products
<b>Bioaccumulation potential</b>	No bioaccumulation
<b>Mobility in Soil</b>	Non-significant adsorption Soil degradation = 99% in 20 minutes
<b>Other adverse effects</b>	N/A

Section 13: Disposal Considerations	
<b>Waste From Residues and Unused Product</b>	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 State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.
<b>Contaminated Container Disposal</b>	Triple rinse (or equivalent). Then offer for recycling or dispose in a sanitary landfill, or incineration, if allowed by state and local authorities by burning. Stay out of smoke.

Section 14: Transport Information						
	UN Number	UN Proper Shipping Name	Hazard Class (Subsidiary)	Label (Subsidiary)	Packing Group	Marine Pollutant
<b>US DOT</b>	Not Regulated	Not Regulated				No
<b>Canada (TDG)</b>	Not Regulated	Not Regulated				No
<b>Special Precautions:</b> Shipping Container: Ship in original vented container						

Section 15: Regulatory Information		
<b>TSCA Inventory List:</b> Yes	<b>US EPA CERCLA RQ:</b> Acetic Acid 5000 lbs	
<b>SARA Title III Section Extremely Hazardous Substance:</b> Peroxyacetic acid	<b>Section 304 EHS RQ:</b> Peroxyacetic Acid 500 lbs	<b>Section 302 TPQ:</b> Peroxyacetic Acid 500 lbs
<b>SARA Title III Sec. 311/312:</b> peroxyacetic acid	<b>Hazard category:</b> Acute Health Hazard Reactivity Hazard, Fire Hazard	
<b>US. EPA EPCRA Section 313 listed:</b> Peroxyetic acid	<b>Threshold quantity (processed or manufactured):</b> 10,000 lbs	<b>Threshold quantity (otherwise used):</b> 25,0000 lbs
<b>Canadian WHIMIS Classification</b>	N/A	
<b>California Prop 65</b>	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.	
<b>EPA</b>	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

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