


Form #:	SDS-009
Revision Date:	04/12/2018
Revision #:	01
Supersedes Date:	N/A

Section 1: Identification					
Product Name:	PVent <sup>®</sup>	Product Type / Description:	Fungicide; Pesticide		
Recommended Use:	Fungicide; Pesticide	Other Means of Identification:	<i>Gliocladium catenulatum</i> J1446		
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 #:	64137-13-70299	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
Oral Acute Toxicity: Category 4 Dermal Acute Toxicity: Category 4 Eye Irritant: Category 2B	H302: Harmful if swallowed. H312: Harmful in contact with skin. H320: Causes eye irritation.
Pictograms	Signal Word
	<b>WARNING</b>
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.	P301 + P310 + P330 + P331: IF SWALLOWED: Immediately call a POISON CENTER or doctor for treatment advice. Rinse mouth. Do NOT induce vomiting. P302 + P306 + P361 + P353 + P314: IF ON SKIN: Remove/take off contaminated clothing. Rinse skin with water/shower. Get medical attention if victim is feeling unwell. P305 + P351 + P338 + P314: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if victim is feeling unwell. P305 + P351 + P338 + P314: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if victim is feeling unwell.
Prevention	Storage / Disposal
P264: Wash thoroughly after handling. P280: Wear protective gloves, clothing, eye protection, face protection.	P402 + P404: Store in a dry place. Store in a closed container.  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)
Dried spores and mycelium of <i>Gliocladium catenulatum</i> J1446	N/A	93.0%

Section 4: First-Aid Measures	
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact:	Remove/take off contaminated clothing. Rinse skin with water/shower.
Ingestion:	Immediately call a POISON CENTER or doctor for treatment advice. Rinse mouth. Do NOT induce vomiting.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Notes to Physician:	Not applicable.

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### Section 5: Fire-Fighting Measures

<b>Suitable Extinguishing Media:</b>	Water spray, dry chemical, alcohol foam, or carbon dioxide.
<b>Unsuitable Extinguishing Media:</b>	None.
<b>Combustion Products:</b>	None.
<b>Unusual Fire and Explosion Hazards:</b>	None.
<b>Protective Equipment for Firefighters:</b>	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### Section 6: Accidental Release Measures

<b>Personal Precautions:</b>	Personal Protective Equipment required for applicators and other handlers must wear: Long sleeved shirt and long pants. Waterproof gloves. Shoes plus socks. A NIOSH approved respirator with any N, P, R, or HE filter.
<b>Emergency Procedures:</b>	Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. If gloves are worn, wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
<b>Environmental Precautions:</b>	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.
<b>Methods and Material for Containment and Clean-Up:</b>	Do not contaminate water, food or feed by storage or disposal. Dispose of contents and container in accordance with local and national regulations.

### Section 7: Handling and Storage

<b>Handling:</b>	Personal Protective Equipment required for applicators and other handlers must wear: Long sleeved shirt and long pants. Waterproof gloves. Shoes plus socks. A NIOSH approved respirator with any N, P, R, or HE filter.
<b>Storage:</b>	Store unopened packages in a cool dry place. For maximum shelf life store below 46°F.
<b>Incompatible Materials:</b>	Acids, bases, concentrated fertilizer liquids, chemical pesticides, food, drink and animal feeding stuffs.

### Section 8: Exposure Controls / Personal Protection

#### Components with Workplace Control Parameters

Component	ACGIH	NIOSH	OSHA
<i>Gliocladium catenulatum</i>	Not applicable.	Not applicable.	Not applicable.
<b>Engineering Controls:</b>	None needed beyond PPE.		
<b>General Hygienic Practices:</b>	Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.		
<b>Personal Protective Equipment:</b>	Protective clothing, safety glasses, gloves, respirator.		
<b>Respiratory Protection:</b>	A NIOSH approved respirator with any N, P, R, or HE filter.		
<b>Eye / Face Protection:</b>	Safety glasses / goggles.		
<b>Hands:</b>	Latex or nitrile gloves.		
<b>Skin / Body:</b>	Wear suitable protective clothing.		

### Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Pale white powder.	<b>Odor:</b>	Earthy.	<b>Odor Threshold:</b>	Not available.
<b>pH:</b>	Approx. 7	<b>Specific Gravity:</b>	Not available.	<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>	Insoluble.
<b>Evaporation Rate:</b>	Not available.	<b>Auto-Ignition Temperature:</b>	Not available.	<b>Decomposition Temperature:</b>	Not available.
<b>Relative Density:</b>	500 kg/m <sup>3</sup>	<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>	Avoid high temperatures (>86°F), UV light, and irradiation.
<b>Incompatible Materials:</b>	Acids, bases, concentrated fertilizer liquids, chemical pesticides, food, drink and animal feeding stuffs.
<b>Hazardous Decomposition Products:</b>	Not applicable.

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### Section 11: Toxicological Information

#### Acute Toxicological Data

Oral LD50:	> 2000mg/kg (rat)	Dermal LD50:	> 2000mg/kg (rat)	Inhalation LC50:	Not available.
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Likely Routes of Exposure: Inhalation, eye contact, skin contact.

#### Symptoms and Effects

Condition	Acute Effects	Chronic (Delayed) Effects
Eye Contact:	May cause mild irritation.	None.
Skin Contact:	May cause mild irritation.	None.
Inhalation:	May cause respiratory tract irritation.	None.
Ingestion:	May be harmful if swallowed.	None.

### Section 12: Ecological Information

Ecotoxicity:	Not significant.
Persistence and Degradability:	Readily degradable.
Bioaccumulation Potential:	Not significant.
Mobility in Soil:	Natural habitant of soil.
Other Adverse Effects:	Not applicable.

### 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:	No	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.	
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	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

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](http://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