


Form #:	SDS-008
Revision Date:	12/26/2018
Revision #:	02
Supersedes Date:	04/12/2018

Section 1: Identification				
Product Name:	BioCeres® WP	Product Type / Description:	Wettable Powder Insecticide	
Recommended Use:	Insecticide	Other Means of Identification:	<i>Beauveria bassiana</i>	
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 #:	89600-2	Canada PMRA Registration #: 31230
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 5 Eye Irritant: Category 2B	H302: Harmful if swallowed H316: Causes mild skin irritation H320: Causes eye irritation
Pictograms	Signal Word
	WARNING
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. P303 + 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)
<i>Beauveria bassiana</i> , strain ANT-03	63428-82-0	20.0%
Proprietary Blend of Other Ingredients		80.0%

Section 4: First-Aid Measures	
Eye Contact:	Hold 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.
Skin Contact:	Take off contaminated clothing. Rinse immediately with running water 15-20 minutes. Wash the area exposed with soap.
Ingestion:	Call a 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.
Inhalation:	Move person to fresh air. If person is not breathing, call first aid responder, then give artificial respiration preferably mouth-to-mouth.

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Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Water spray, dry chemical, alcohol foam, or carbon dioxide.
Unsuitable Extinguishing Media:	None.
Combustion Products:	None.
Unusual Fire and Explosion Hazards:	None.
Protective Equipment for Firefighters:	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

Personal Precautions:	Wear personal protection equipment against potential contact with the spilt product when working on stopping the release/repairing the leak.
Emergency Procedures:	Remove persons not wearing protective clothing from spill area.
Environmental Precautions:	Protect streams and sewers from contamination.
Methods and Material for Containment and Clean-Up:	Physicochemical properties allow usage of any absorbent material.

Section 7: Handling and Storage

Handling:	Wear personal protective equipment to avoid inhalation, contact with skin and eyes. Remove clothing immediately if product gets inside, then clean thoroughly and put on clean clothing.
Storage:	Keep container hermetically sealed preventing humidity penetration; Keep separate from food and animal feed. Keep storage temperature cool (<45°F).
Incompatible Materials:	Strong acids, strong bases.

Section 8: Exposure Controls / Personal Protection

Components with Workplace Control Parameters

Component	ACGIH	NIOSH	OSHA
<i>Beauveria bassiana</i>	Not applicable.	Not applicable.	Not applicable.
Engineering Controls:	Adequate ventilation.		
General Hygienic Practices:	Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.		
Personal Protective Equipment:	Protective clothing, safety glasses, gloves.		
Respiratory Protection:	None needed during normal use.		
Eye / Face Protection:	Safety glasses / goggles.		
Hands:	Latex or nitrile gloves.		
Skin / Body:	Wear suitable protective clothing.		

Section 9: Physical and Chemical Properties

Appearance:	Fine white powder.	Odor:	Earthy.	Odor Threshold:	Not available.
pH:	Not available.	Specific Gravity:	0.45 g/cm ³	Viscosity:	Not available.
Melting Point:	Not available.	Freezing Point:	Not available.	Boiling Point:	Not available.
Flash Point:	Not available.	Flammability:	Not available.	Flammability Limits:	Not available.
Vapor Pressure:	Not available.	Vapor Density:	Not available.	Solubility:	Insoluble.
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:	Stable under ordinary conditions of use and storage.
Conditions to Avoid:	Avoid high temperatures (>86°F), UV light, and humidity.
Incompatible Materials:	Strong acids, strong bases.
Hazardous Decomposition Products:	Not applicable.

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Section 11: Toxicological Information

Acute Toxicological Data

Oral LD50:	> 2000mg/kg (rat)	Dermal LD50:	> 5000mg/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 moderate eye 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:	May be harmful, limit to areas beyond 50 feet from aquatic habitats.
Persistence and Degradability:	Not applicable.
Bioaccumulation Potential:	Not applicable.
Mobility in Soil:	Minimal.
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.				
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-pesticides 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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SAFETY DATA SHEET (SDS)

BioCeres® WP

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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