

Safety Data Sheet

Wilson Grub Out Chinch Bug and Grub Killer

Biological Mycoinsecticide



1. Identification	
Product identifier	Wilson Grub Out Chinch Bug and Grub Killer
Product code	7302470
Registration number	34227
Other means of identification	
Recommended use of the chemical and restrictions on use	Chinch Bug and Grub Killer.
Manufacturer	Premier Tech Home & Garden Inc 1, avenue Premier Rivière-du-Loup (Quebec) G5R 6C1 CANADA Tel. (418) 863-7878 www.pthomeandgarden.com
Emergency phone number	1-800-268-2806

2. Hazard identification	
Summary	Non-hazardous Potential Sensitizer Warning eye irritant Warning poison Substance contributing to the classification: A.I. Beauveria bassiana, strain ANT-03
WHMIS 2015/GHS/OSHA HCS 2012	

3. Composition/information on ingredients		
Common name	CAS	Weight % content
Beauveria bassiana, strain ANT-03	63428-82-0	7%
Inerts	NA	93%

4. First-aid measures	
Inhalation	Move person to fresh air. If a problem develops or persists, seek medical attention.
Skin contact	Wash skin with warm water and mild soap. Remove contaminated clothing and wash before reuse. If a problem develops or persists, seek medical attention.
Eye contact	Flush with water for at least 15 minutes. Remove contact lenses if easy to do. Hold eyelids apart to rinse properly. If a problem develops or persists, seek medical attention.
Ingestion	DO NOT induce vomiting, unless recommended by medical personnel. If victim is conscious wash out mouth with water and give 1-2 glasses of water to drink. Never give anything by mouth if victim is

	unconscious or convulsing. If a problem develops or persists, seek medical attention. Take container, label or product name and Pest Control product Registration Number with you when medical attention.
Other	No additional information.
Symptoms	
Notes to the physician	Apply a symptomatic and supportive treatment.

5. Fire-fighting measures

Suitable extinguishing media	Use an extinguishing agent appropriate for the surrounding fire.
Specific hazards arising from the chemical	No hazard listed.
Special protective equipment	Firefighters must wear self contained breathing apparatus with full face mask.
Special protective actions for fire-fighters	No additional information.



6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Make sure to wear personal protective equipment mentioned in this Safety Data Sheet.
Environmental precautions	Prevent product from entering drains and release to the environment.
Methods and materials for containment and cleaning up	Ventilate the area well. Absorb with inert material (soil, sand, vermiculite) and place in an appropriate waste disposal clearly identified. Finish cleaning by rinsing with water contaminated surface.

7. Handling and storage

Precautions for safe handling	Use in well ventilated area. Avoid contact with skin, eyes and clothing. Do not breathe vapors and aerosols. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved. Keep containers tightly closed when not in use. Do not eat, do not drink and do not smoke during use. After use, wash hands with soap and water.
Conditions for safe storage, including any incompatibilities	<p>Store tightly closed and in properly labelled containers in a cool, dry and well-ventilated place. Store away from incompatible materials (see section 10). Keep away from food and drink. Keep away from freezing.</p> <p><u>Technical recommendations to prevent environmental risks</u> Wilson Grub Out is considered safe for the environment. It is suggested to limit spreading during pollination period;</p> <p>DO NOT apply this product to fresh water habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands) and estuarine/marine habitats. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.</p>
Storage temperature	10 to 23°C (50 to 73°F)

8. Exposure controls/personal protection

Appropriate engineering controls	There are no environmental limits for the substances contained in the product.
Individual protection measures	
Eye	In the workplace, wear safety glasses with side shields. If there is a risk of contact with eyes, wear chemical splash goggles.
Hands	Wear nitrile or neoprene gloves. Disposable nitrile gloves can also be used, but discard after single use.
Skin	Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Wear normal work clothing covering arms and legs as required by employer code. If necessary, wear an apron or long-sleeve protective coverall suit.
Respiratory	Respiratory protection is not required for normal use. Where the conditions in the workplace require a respirator, it is necessary to follow a respiratory protection program. Moreover, respiratory protection equipment (RPE) must be selected, fitted, maintained and inspected in accordance with regulations and standard 29 CFR 1910.134 (OSHA), ANSI Z88.2 or CSA Z 94.11 (Canada) and approved by NIOSH/MSHA.
Feet	Not required in normal use.
 	
Safety glasses Nitrile disposable gloves	

9. Physical and chemical properties

Physical state	solid granules	Flammability	Non-flammable
Colour	Cream- white	Flammability limits	N/Ap.
Odour	odorless	Flash point	N/Ap.
Odour threshold	N/Av.	Auto-ignition temperature	N/Ap.
pH	N/Av.	Sensibility to electrostatic charges	No
Melting point	N/Ap.	Sensibility to sparks and/or friction	No
Freezing point	N/Ap.	Vapour density	N/Av. (Air = 1)
Boiling point	N/Ap.	Relative density	0.72 – 0.76 (g/cm ³)
Solubility	N/Ap.	Partition coefficient n-octanol/water	N/Av.
Evaporation rate	N/Av.	Decomposition temperature	N/Av.
Vapour pressure	N/Av.	Viscosity	N/Ap.
Percent Wt. Volatile	N/Av.	Molecular mass	N/Ap.
VOC (g/L)	N/Av.	% Volume Volatile (VOC)	N/Av.
VOC (lb/gal)	N/Av.	% Wt. Volatile (VOC)	N/Av.
N/Av.: Not Available N/Ap.: Not Applicable Und.: Undetermined N/E: Not Established			

10. Stability and reactivity

Reactivity	No reactivity expected.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions (including polymerizations)	A dangerous reaction will not occur.
Conditions to avoid	Chaleur
Incompatible materials	Strong acids, strong bases.
Hazardous decomposition products	Aucun

11. Toxicological information


Numerical measures of toxicity	Oral LD50 -rat- (CFU/animal)	> 1.3 x 10 ⁹ (1)
	Dermal DL50 -rat- (mg/kg)	> 5,050 (1)
	Pulmonary infectivity and toxicity LD50 -rat- (CFU/animal)	> 1.1 x 10 ⁹ (1)
	Ocular -rabbit	Moderate irritant
Likely routes of exposure	Skin, eyes, inhalation.	
Delayed, immediate and chronic effects	Eye contact	May cause eye irritation.
	Skin contact	May cause sensitization
	Inhalation	May be harmful if inhaled.
	Ingestion	Harmful if swallowed. Ingestion can cause abdominal pain, nausea, cramps, headache, dizziness, drowsiness and vomiting.
	Respiratory or skin sensitization	May cause sensitization.
	Immune system - rodent-	Intact and able to process and clear the MPCA (1).
	Endocrine system - animals-	No evidence suggesting <i>B. bassiana</i> has the potential to cause adverse effects (1).
	Reproductive toxicity	No evidence suggesting <i>B. bassiana</i> has the potential to cause such adverse effects. Long term studies not required
Specific target organ toxicity - single exposure	No evidence suggesting <i>B. bassiana</i> has the potential to cause such adverse effects. Long term studies not required.	
Specific target organ toxicity - repeated exposure	No evidence suggesting <i>B. bassiana</i> has the potential to cause such adverse effects. Long term studies not required..	
Interactive effects	No information available.	
Other information	Higher tier sub chronic and chronic toxicity studies were not required because of the low acute toxicity of the MPCA No indications of infectivity, toxicity or pathogenicity in the test animals treated in the Tier I acute oral and pulmonary toxicity/infectivity tests	
	Other specific toxicology information on the substances: Potential allergen.	

12. Ecological information

Aquatic plants and algae	May be harmful. The manufacturer strongly suggests limiting applications to area beyond 50 feet from aquatic habitats.
Pollinators	Although shown no toxicity when used in accordance with label directions and good agricultural practices. The manufacturer strongly suggests limiting applications when actively foraging.
Other Pollinators	May be harmful.
Avian	Not toxic when used in accordance with label directions and good agricultural practices.
Fruits & Vegetables	No phytotoxicity
Persistence	Not available.

Degradability	Not available.
Bioaccumulative potential	No potential to bioaccumulate.
Mobility in soil	Minimal
Other adverse effects	No data available

13. Disposal considerations

Container		<p>Important! Prevent waste generation. Use in full. Empty containers can be treated (recycled) where there is a recovery program. Observe all federal, state/provincial and municipal regulations. If necessary consult the Department of Environment or the relevant authorities.</p>

14. Transport information

UN Number	UN N/A
UN Proper Shipping Name	Not regulated by TDG (Canada) and 49 CFR DOT (USA).
Environmental hazards	This material does not contain marine pollutant.
Special precautions for user	No information available.
TDG - Transportation of Dangerous Goods (Canada & US DOT)	
Transport hazard class(es)	Not regulated
Packing group	Not regulated
2020 Emergency Response Guidebook	N/A
IMO/IMDG - International Maritime Transport	
Classification	Not regulated
IATA - International Air Transport Association	
Classification	Not regulated
<p>These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. In addition, if a domestic exemption exists, it is the responsibility of the shipper to define the application of it.</p>	

15. Regulatory information

<p>CANADA</p> <p>- Not WHMIS controlled.</p>

16. Other information

Date (YYYY-MM-DD)	Premier Tech Home & Garden Inc 2021-11-15
Version	01
Other information	<p>REFERENCES:</p> <ul style="list-style-type: none"> - Service du répertoire toxicologique de la Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST), https://www.cnesst.gouv.qc.ca/fr - Haz-Map, Information on Hazardous Chemicals and Occupational Diseases, https://haz-map.com/ - The National Center for Biotechnology Information, National Institutes of Health (NIH), U.S. National Library of Medicine, https://pubchem.ncbi.nlm.nih.gov <p>ACGIH: American Conference of Governmental Industrial Hygienists AIHA: American Industrial Hygiene Association HMIS: Hazardous Materials Identification System NFPA: National Fire Protection Association OSHA: Occupational Safety and Health Administration (USA) NIOSH: National Institute for Occupational Safety and Health NTP: National Toxicology Program RSST: Règlement sur la santé et la sécurité du travail (Québec) GHS: Globally Harmonized System IARC: International Agency for Research on Cancer IDLH: Immediately Dangerous to Life or Health STEL: Short Term Exposure Limit (15 min) TWA: Time Weighted Averages WHMIS: Workplace Hazardous Materials Information System</p>