

Safety Data Sheet
Wilson Bed BugOut Dust
Bed Bug & Crawling Insect
Killer



1. Identification

Product identifier	Wilson Bed BugOut Dust Bed Bug & Crawling Insect Killer
Product code	7351220
Registration number	26679 P.C.P. ACT
Other means of identification	
Recommended use of the chemical and restrictions on use	Insecticide. Not recommended for any other use not detailed on product data sheet or label.
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	KEEP OUT OF REACH OF CHILDREN. Do not ingest. If medical advice is needed, have this SDS or label at hand. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved.
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WHMIS 2015/GHS/OSHA HCS 2012

Not Regulated under WHMIS 2015	
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.	

3. Composition/information on ingredients

Common name	CAS	Weight % content
Silicon Dioxide (present as Diatomaceous Earth)	7631-86-9	80 - 100 %
Crystalline Silica, Quartz	14808-60-7	<0.1 %

Note: This product is not regulated by WHMIS 2015 (Hazardous Products Regulations) and by OSHA 29 CFR 1910.1200 (OSHA HCS 2012). Components not listed are not hazardous or are below reportable limits. The manufacturer withholds the actual concentration range of the ingredient as a trade secret.

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.
Other	No additional information.
Symptoms	The mechanical friction can cause eye irritation.
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. Vacuum or sweep up and place in an appropriate waste disposal container. Finish cleaning by rinsing with water contaminated surface.

7. Handling and storage

Precautions for safe handling	Use in well ventilated area. Avoid contact with eyes. 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	Store tightly closed and in properly labelled containers in a cool, dry and well ventilated place. Keep away from food and drink.
Storage temperature	<50°C (122°F)

8. Exposure controls/personal protection

Immediately Dangerous to Life or Health	Amorphous silica: 3000 mg/m ³ . Crystalline Silica, Quartz: 50 mg/m ³ .			
Silicon Dioxide	TWA (8h)	Respirable Dust	3 mg/m ³	ACGIH , BC
		Respirable Dust	5 mg/m ³	OSHA
		Respirable Dust	6 mg/m ³	NIOSH , RSST
		Total Dust	10 mg/m ³	ACGIH , BC, ON
		Total Dust	15 mg/m ³	OSHA
Crystalline Silica, Quartz	TWA (8h)	Respirable Dust	0.025 mg/m ³	AB , ACGIH, BC

		Respirable Dust	0.05 mg/m ³	NIOSH , OSHA
		Respirable Dust	0.1 mg/m ³	ON , RSST
Appropriate engineering controls	Provide sufficient mechanical (general and/or local exhaust) to keep the airborne concentrations of dust below their respective occupational exposure limits.			
Individual protection measures				
Eye	In the workplace, wear safety glasses with side shields. However, goggles are recommended if the product is used in such a way as to generate high dust levels.			
Hands	In case of prolonged contact wear neoprene or nitrile 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.			
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				

9. Physical and chemical properties

Physical state	Solid (Fine powder)	Flammability	Non-flammable
Colour	Grey	Flammability limits	N/Av.
Odour	N.Av.	Flash point	N/Ap.
Odour threshold	N/Av.	Auto-ignition temperature	N/Av.
pH	N/Av.	Sensibility to electrostatic charges	N.Av.
Melting point	N/Av.	Sensibility to sparks and/or friction	N.Av.
Freezing point	N/Av.	Vapour density	N/Av. (Air = 1)
Boiling point	N/Av.	Relative density	N/Av. (Water = 1)
Solubility	Insoluble in water.	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/Av.
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	Avoid contact with incompatible materials.
Incompatible materials	Hydrofluoric acid, fluorine, bromine trifluoride, selenium oxyfluoride, alkali solutions.
Hazardous decomposition products	No decomposition product.


11. Toxicological information

Numerical measures of toxicity	Silicon Dioxide	Ingestion	>3300 mg/kg	Rat	LD50
		Inhalation	>2 mg/l/4h	Rat	LC50
		Skin	>5000 mg/kg	Rabbit	LD50
	Crystalline Silica, Quartz	Ingestion	>15000 mg/kg	Human	
			500 mg/kg	Rat	LD50
Likely routes of exposure	Skin, eyes, inhalation.				
Delayed, immediate and chronic effects	Eye contact	The mechanical friction can cause eye irritation.			
	Skin contact	Prolonged and repeated contact may cause skin drying and cracking.			
	Inhalation	Dusts may irritate throat and respiratory system and cause coughing. Crystalline silica (CAS no 14808-60-7) is known to cause silicosis only in dust form. This ingredient is present below the established cut-off concentration of 0.1%.			
	Ingestion	Causes gastrointestinal blockage and dehydration.			
	Respiratory or skin sensitization	Ingredients present at levels greater than or equal to 0.1% of this product are not skin or respiratory sensitizers.			
	IARC/NTP Classification	Common name	IARC NTP		
		Amorphous silica	-	-	
		Crystalline Silica, Quartz	1	K	
	Carcinogenicity	Crystalline silica (CAS no 14808-60-7) is known to cause lungs cancer only in dust form. This ingredient is present below the established cut-off concentration of 0.1%.			
	Mutagenicity	Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause mutagenic effects.			
Reproductive toxicity	Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause reproduction effects.				
Specific target organ toxicity - single exposure	No target organ is listed.				
Specific target organ toxicity - repeated exposure	No target organ is listed.				
Interactive effects	No information available.				
Other information	No additional information.				

12. Ecological information

Ecological toxicity	Fish - Branchydanio Renio - fresh water	LC50 5000 mg/L; 96 h (CAS no 7631-86-9)
	Aquatic Invertebrate - Ceriodaphnia dubia (static)	EC50 7600 mg/L; 48 h (CAS no 7631-86-9)
	Algae - Pseudokirchneriella subcapitata	EC50 440 mg/L; 72 h (CAS no 7631-86-9)
Persistence	Persistent in the environment.	
Degradability	The term biodegradability, as such, is not applicable to inorganic compounds.	
Bioaccumulative potential	No bioaccumulation.	
Mobility in soil	Insoluble in water. Low potential for mobility in soil.	
Other adverse effects	This chemical does not deplete the ozone layer.	

13. Disposal considerations

Container	 <p>Important! Prevent waste generation. Use in full. DO NOT throw residual to sewer. 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

PEST CONTROL PRODUCT
<p>There are Canada-specific environmental requirements for handling, use and disposal of this pest control product that are indicated on the product label.</p> <p>RHazardous Products Regulations Information:</p> <p>This product has been classified in accordance with the amended Hazardous Products Act (HPA) and the Hazard Criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.</p>

Hazardous Products Act Information:

Pest control products, as defined in subsection 2(1) of the Pest Control Products Act (PCPA), are excluded from the application of the Hazardous Products Act (that is, pest control products are exempt from the supplier labelling and SDS requirements of the Hazardous Products Act and Regulations). This product has been voluntarily classified according to the WHMIS 2015 standard.

Pest Control Products Act Registration Number: 26679

Read the label, authorized under the Pest Control Products Act, prior to using or handling the pest control product.

This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act (PCPA). These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. Following is the hazard information required on the pest control products label:

PCPA Label Hazard Communications:

READ THE LABEL BEFORE USING.
KEEP OUT OF REACH OF CHILDREN.

Difference between SDS and pesticide label

PCPA Label		WHMIS 2015/SGH SDS	
Symbol(s)		Pictogram(s)	Not Regulated under WHMIS 2015
Caution word	Not Applicable.	Signal Word	
Hazard Statement	Not applicable.	Hazard Statement	

CANADA

Common name	CAS	CEPA	DSL	NDSL	NPRI
Silicon Dioxide	7631-86-9		X		
Crystalline Silica, Quartz	14808-60-7		X		

- CEPA: List of Toxic Substances Managed Under Canadian Environmental Protection Act
- DSL: Domestic Substances List Inventory
- NDSL: Non-Domestic Substances List Inventory
- NPRI: National Pollutant Release Inventory Substances

UNITED STATE OF AMERICA

Common name	CAS	TSCA	CER CLA	EPCRA 313	EPCRA 302/304	CAA 112(b) HON	CAA 112(b) HAP	CAA 112(r)	CWA 311	CWA Prio.
Silicon Dioxide	7631-86-9	X								

Crystalline Silica, Quartz	14808-60-7	X							
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- TSCA: Toxic Substance Control Act
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act list of hazardous substances
- EPCRA 313: Emergency Planning and Community Right-to-Know Act, Section 313 Toxic Chemicals
- EPCRA 302/304: Emergency Planning and Community Right-to-Know Act, Section 302/304 Extremely Hazardous Substances
- CAA 112(b) HON: Clean Air Act - Hazardous Organic National Emission Standard for Hazardous Air Pollutant
- CAA 112(b) HAP: Clean Air Act - Hazardous Air Pollutants lists pollutants
- CAA 112(r): Clean Air Act - Regulated Chemicals for Accidental Release Prevention
- CWA 311: Clean Water Act - List of Hazardous Substances
- CWA Priority: Clean Water Act - Priority Pollutant list

California Proposition 65


Common name	CAS	Cancer	Reproductive and Developmental Toxicity
Crystalline Silica, Quartz	14808-60-7	X	

Other regulations

HMIS	NFPA
	

16. Other information

Date (YYYY-MM-DD)	Premier Tech Home & Garden Inc 2021-09-30
Version	01
Other information	<p>REFERENCES:</p> <ul style="list-style-type: none"> - Haz-Map, Information on Hazardous Chemicals and Occupational Diseases, https://haz-map.com/ - 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 - 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)</p>

	<p>TWA: Time Weighted Averages WHMIS: Workplace Hazardous Materials Information System</p>
<p>Powered by</p>  <p>A global vision of prevention</p>	<p>To the best of our knowledge, the information contained herein is accurate. However, neither Preventis System, nor the above named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.</p>