

**SECTION 1. IDENTIFICATION**

**Product Name(s):** Wilson OneShot Bed Bug Killer  
**Product Code(s):** 7306320  
**P.C.P.A. Registration No.** 30158  
**Recommended Use:** Insecticide  
**Restriction on Use:** Use only as recommended by the label.  
**Manufacturer :** Premier Tech Home & Garden Inc.  
 1 Avenue Premier, Rivière-du-Loup, QC G5R 6C1  
**Emergency Phone Number:** 1-800-268-2806, option 5

**SECTION 2. HAZARDS IDENTIFICATION**

**According to WHMIS 2015 (Canada)**

**Classification** Exempt from WHMIS classification per section 12 of *Hazardous Products Act* (R.S.C., 1985, c. H-3)

Flammable Aerosols: Category 1  
 Gas under pressure: Compressed gas

**Pictogram(s):**



**Signal Word** Danger

**Hazard Statement(s)** H222: Extremely Flammable Aerosol  
 H229: Pressurized container: may burst if heated  
 H280: Contains gas under pressure; may explode if heated

**Precautionary Statement(s)**

**Prevention** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211: Do not spray on an open flame or other ignition source.  
 P251: Do not pierce or burn, even after use.

**Response** Wash hands after handling.

**Storage** P410+403+P412: Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Environmental hazards** Hazardous to the aquatic environment, acute hazard: Category 3  
 Hazardous to the aquatic environment, long-term hazard: Category 3

**Other Hazards** Not known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	%
Isobutane	75-28-5	24.592
Propane	74-98-6	4.408
d-Phenothrin	26002-80-2	0.21

Tetramethrin	7696-12-0	0.21
Other components below reportable levels		70.579

Concentrations are expressed in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## SECTION 4. FIRST-AID MEASURES

<b>Inhalation</b>	<b>If inhaled</b> , move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
<b>Skin Contact</b>	<b>If on skin or clothing</b> , take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
<b>Eye Contact</b>	<b>If in eyes</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 centre or doctor for treatment advice.
<b>Ingestion</b>	<b>If swallowed</b> , call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. Take container, label or product name and P.C.P. Registration Number with you when seeking medical attention.
<b>Most Important Symptoms and Effects, Acute and Delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Immediate Medical Attention and Special Treatment</b>	Treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media</b>	
<b>Suitable Extinguishing Media</b>	Water spray.
<b>Unsuitable Extinguishing Media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific Hazards Arising from the Product</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards**

Extremely flammable aerosol.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal Precautions,  
Protective Equipment and  
Emergency Procedures:**

Keep unauthorized people away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Environmental Precautions:**

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**Methods and Material for  
Containment and Cleaning Up:**

Refer to attached instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. For waste disposal, see section 13 of the SDS.

**SECTION 7. HANDLING AND STORAGE****Precautions for  
Safe Handling:**

Keep out of reach of children. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

**Conditions for  
Safe Storage:**

Level 1 Aerosol.  
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**CONTROL PARAMETERS**

<b>US. ACGIH Threshold Limit Values</b>		
<b>Components</b>	<b>Type</b>	<b>Value</b>
Isobutane (CAS 75-28-5)	STEL	1000 ppm
<b>Canada. Alberta OELs (Occupational Health &amp; Safety Code, Schedule 1, Table 2)</b>		
<b>Components</b>	<b>Type</b>	<b>Value</b>
Propane (CAS 74-98-6)	TWA	1000 ppm
<b>Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)</b>		
<b>Components</b>	<b>Type</b>	<b>Value</b>
Isobutane (CAS 75-28-5)	STEL	1000 ppm
<b>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)</b>		
<b>Components</b>	<b>Type</b>	<b>Value</b>
Isobutane (CAS 75-28-5)	TWA	800 ppm
<b>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)</b>		
<b>Components</b>	<b>Type</b>	<b>Value</b>
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate Engineering Controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual Protection Measures**
**Eye/Face Protection:**

Wear safety glasses with side shields (or goggles).

**Skin Protection:**

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear suitable protective clothing. Wash skin (principally hands, forearms and face) after using and before eating or smoking.

**Respiratory Protection:**

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Gas
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting Point/Freezing Point	No data available
Boiling Point and boiling range	151.27 °F (66.26 °C) estimated
Flash Point	-99.4 °F (-73.0 °C) Propellant estimated
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper/Lower Flammability or Explosive Limit	
Flammability limit – lower (%)	0.6 % estimated
Flammability limit – upper (%)	4.9 % estimated
Explosive limit - lower (%)	No data available
Explosive limit - upper (%)	No data available
Vapour Pressure	No data available
Vapour Density (air=1)	No data available
Relative Density (water=1)	No data available
Solubility	No data available
Partition Coefficient, n-Octanol/Water (Log K <sub>ow</sub> )	No data available
Auto-ignition Temperature	527.72 °F (275.4 °C) estimated
Decomposition Temperature	No data available
Viscosity	No data available
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.799 estimated

**SECTION 10. STABILITY AND REACTIVITY**
**Reactivity**

The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical Stability**

Material is stable under normal conditions.

**Possibility of Hazardous Reactions**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible Materials**

Strong oxidizing agents: Nitrates; Fluorine; Chlorine.

**Hazardous Decomposition Products**

No hazardous decomposition products are known.

**SECTION 11. TOXICOLOGICAL INFORMATION**
**Likely Routes of Exposure:**

<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Direct contact with eyes may cause temporary irritation.

**Information on toxicological effects**

Isobutane (CAS 75-28-5)

**Inhalation – Acute:** LC50 (Mouse): 1237 mg/l, 120 Minutes; 52 %, 120 Minutes  
LC50 (Rat): 1355 mg/l

Propane (CAS 74-98-6)

**Inhalation – Acute:** LC50 (Mouse): 1237 mg/l, 120 Minutes; 52 %, 120 Minutes  
LC50 (Rat): 1355 mg/l; 658 mg/l/4h

Tetramethrin (CAS 7696-12-0)

**Oral – Acute:** LD50 (Rat): 4640 mg/kg

\* Estimates for product may be based on additional component data not shown.

<b>Skin Corrosion/Irritation:</b>	Prolonged skin contact may cause temporary irritation
<b>Serious Eye Damage/Irritation:</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory and/or Skin Sensitization:</b>	Not a respiratory sensitizer. This product is not expected to cause skin sensitization.
<b>STOT (Specific Target Organ Toxicity)</b>	
<b>Single Exposure:</b>	Not classified.
<b>Repeated Exposure:</b>	Not classified.
<b>Carcinogenicity</b>	Not available
<b>Reproductive Toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Germ Cell Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Harmful to aquatic life with long lasting effects.

Tetramethrin (CAS 7696-12-0)

**Aquatic** Fish LC50 [Carp (Cyprinus carpio)]: 0.095 - 0.16 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

**Persistence and Degradability:** No data is available on the degradability of this product.

### Bioaccumulation Potential

Partition coefficient n-octanol / water (log Kow)

Isobutane 2.76

Propane 2.36

Tetramethrin 4.73

**Mobility in Soil:** No data available

**Other Adverse Effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13. DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of container in accordance with local regulations.

## SECTION 14. TRANSPORT INFORMATION

### Transportation of Dangerous Goods (TDG)

AEROSOLS, flammable; Class 2.1; D; UN1950

(UN proper shipping name; Transport hazard class; Environmental hazards; UN number )

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling

**Pictogram**



**SECTION 15. REGULATORY INFORMATION**

This product has not been classified and the SDS has been developed according to the Hazardous Products Regulation.

**CANADA****Canadian Environmental Protection Act (CEPA)**

All constituents of these products are on the Domestic Substance List (DSL).

**Pest Control Products Act (PCPA):**

Reg. no. 30158 P.C.P.A.

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*. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. Read the label, authorized under the *Pest Control Products Act*, prior to using or handling the pest control product. The following is the hazard information required on the pest control product label:

CAUTION



EXPLOSIVE

There are Canada-specific environmental requirements for handling, use, and disposal of this pest control product that are indicated on the label: Toxic to aquatic organisms. Do not use empty container. When container is empty, press button to release all pressure. Wrap container in several layers of newspaper and discard in household garbage. Do not puncture or incinerate.

**SECTION 16. OTHER INFORMATION****Additional Information :**

The above information is accurate and reliable to the best of our knowledge, to the date of preparation of the Safety Data Sheet. However, this information should not be interpreted as a guarantee of accuracy or be considered complete. No warranty of any kind is given or implied and PREMIER TECH will not be considered responsible for any damage, loss, injury or consequential damage which may result from the use or reliance on any information contained. Users must do their own research as to the pertinence of this information for specific use. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

**Date of Preparation:** 2019-08-27



Glossary of abbreviations
<b>ACGIH:</b> American Conference of Governmental Industrial Hygienists
<b>ANSES:</b> Agence nationale de sécurité sanitaire de l'alimentaire, de l'environnement et du travail
<b>CAS:</b> Chemical Abstracts Service (Registration number)
<b>CEPA:</b> Canadian Environmental Protection Act
<b>CFIA:</b> Canadian Food Inspection Agency
<b>GHS:</b> Globally Harmonized System
<b>HCS:</b> Hazard Communication Standard
<b>IARC:</b> International Agency for Research on Cancer
<b>LC:</b> Lethal Concentration
<b>LD:</b> Lethal Dose
<b>NIOSH:</b> National institute for Occupational Safety and Health
<b>OSHA:</b> Occupational Safety and Health Administration
<b>PEL:</b> Permissible Exposure Limit
<b>PCPA:</b> Pest Control Products Act
<b>PMRA:</b> Pest Management Regulatory Agency
<b>REL:</b> Recommended Exposure Limit
<b>RSST:</b> Provincial Workplace Health and Safety Regulations
<b>STEL:</b> Short -Term Exposure Limit
<b>TLV:</b> Threshold Limit Value
<b>TWA:</b> Time-Weighted Average
<b>VECD:</b> Short -Term Exposure Limit
<b>VEMP:</b> Adjusted Average Exposure Rate
<b>WHMIS:</b> Workplace Hazardous Materials Information System