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P.C.P. Act Registration No.: 31170

Safety Data Sheet

Product Code: 7306490

Section I – Product and company identification

Product's Name

Wilson OneShot Bug Barrier 400g BOV

Manufacturer's Name

Empack Spraytech Inc.

Address

98 Walker Drive

Bramptom, Ontario

Canada, L6T 4H6

Emergency Telephone Number:

1-800-268-2806, option 1

Telephone Number for information:

1-800-268-2806

Prepared by:

Technical Department

Section II – Hazard Identification

Route(s) of Entry:

Inhalation
Possible

Skin
Possible

Ingestion
Possible

Eyes
Possible

Eye: May cause irritation, redness and pain.

Skin: May cause skin irritation. If irritation persists, stop using the product and consult physician.

Ingestion: Ingestion is not a likely route of exposure. If it occurs, do not induce vomiting. Get medical advice

Inhalation: Avoid breathing mist, may cause respiratory tract irritation. Inhalation of high. Concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma.

Section III – Composition, Information and Ingredients

Ingredients	CAS #	Wt. %
Permethrin	52645-53-1	0.1-1%
1,2-benzisothiazolin-3-one	2634-33-5	<0.1%
Fragrance	mix	0.1-1%

Section IV – Emergency and First Aid Measures

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical assistance.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.

Ingestion: Immediately call a poison control centre or physician. Do not induce vomiting unless told to do so by a poison control centre or physician. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Skin contact: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Consult a poison control centre or physician immediately.

Additional Information: Treat symptomatically and supportively. This product contains a pyrethroid. If a small amount is ingested (or if treatment is delayed) oral administration of large amounts of activated charcoal and a cathartic is probably sufficient therapy. If localized paresthesia develops, the site should be thoroughly washed with soap and water. Cold cream can be applied to help diminish the effect. DO NOT INDUCE VOMITING.

Section V – Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapours may form an explosive mixture with air. Vapours can travel to a source of ignition and flash back. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapours may be heavier than air. They can spread along the ground and collect in low or confined areas.

Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Cool containers with flooding quantities of water until well after fire is out. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. Do NOT use straight streams of water. Water may be ineffective. Use water spray to cool fire-exposed containers.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

Section VI – Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills and Leaks: Large spills are not expected in aerosol spray. However, if occurred through manufacturing process, absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. A vapour suppressing foam may be used to reduce vapours. Remove all sources of ignition.

Section VII – Handling and Storage

Handling: Wash thoroughly after handling . Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, liquid and/or vapour, it can be dangerous. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

Storage: Container is under pressure. Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section VIII – Exposure Control and Personal Protection

Ingredients	ACGIH		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	REL
Permethrin	Not Available	Not Available	Not Available	Not Available	Not Available
1,2-benzisothiazolin-3-one	0.1 mg/m ³	Not Available	Not Available	Not Available	Not Available
Fragrance	Not Available	Not Available	Not Available	Not Available	Not Available

Protective Equipment:

Clothing/Type:

Wear adequate protective clothing to prevent skin contact.

Eye/Face Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN166.

Footwear/Type:

No special equipment is necessary for this product.

Glove/Type:

Wear appropriate gloves to prevent skin exposure.

Appropriate Engineering Controls

Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.

Section IX – Physical and Chemical Properties

Form:	Continuous spray mist.	Physical Appearance:	Milky liquid
Odor:	N/A	Odor Threshold (ppm):	N/A
Aerosol Vapour Pressure (psig, 21°C)	90-110	Specific Gravity (Liquid)	0.980-1.020
pH	7-8	Vapour Density (Air=1)	N/A
Melting/Freezing Point (°C)	<0	Boiling Point liquid (°C)	100°C
Flashback	No	Flash Point (°C), Method	Not Flammable, Closed Cup
VOC Content	N/A	Solubility in water	Miscible in water
Aerosol Flame Projection	>100cm	Auto Ignition Temperature (°C)	Not Applicable
Lower Flammable Limit (% Vol)	N/A	Upper Flammable Limit (% Vol)	N/A
Coefficient of Water/Oil Distribution	N/A	Viscosity	Very Fluid
		Viscosity	Very Fluid

Section X – Stability and Reactivity

Stability: Stable	Conditions to Avoid: Excessive heat, ignition sources, and oxidizing materials.
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Incompatibility (Materials to Avoid): No information available

Hazardous Decomposition or by Products: By fire: Carbon dioxide, carbon monoxide.

Hazardous Polymerization: Has not been reported.

Section XI – Toxicological Information

Ingredients	LC50	LD50
Permethrin	Not Available	1.0 g/kg (rat - oral); >2.0 g/kg (rabbit - dermal)
1,2-benzisothiazolin-3-one	1020 mg/Kg (Oral- rat)	>2000 mg/Kg (Dermal- rat)
Fragrance	Not data available	Not data available
Information on Likely Routes of Exposure:		
Routes of entry – Inhalation:	Yes	
Routes of entry - Skin & Eye:	Yes	
Routes of entry – Ingestion:	Yes	
Routes of entry - Skin Absorption:	Yes	
Effects of Acute Exposure:	May cause dermatitis, irritation to eyes, dizziness, and vomiting.	
Chronic Effects:	Avoid inhalation of product mist. Use in well ventilated conditions.	
Carcinogenicity:	Not Classifiable as a Human Carcinogen.	
Reproductive Effects:	No information is available, and no adverse effects are expected.	
Teratogenicity:	No information is available, and no adverse effects are expected.	
Germ Cell Mutagenicity:	Permethrin did not produce any mutagenic effects when tested in the Ames assay, Chromosome aberration test or DNA damage test.	
Toxicological Data:		
Oral LD50-rat (Mixture, calculated):	35.5 g/Kg	
Dermal LD50-rabbit (Mixture, calculated):	571.4 g/Kg	
Inhalation LC50-rat 4hrs (Mixture, calculated):	1632 g/L	

Section XII – Ecological Information

Data from Toxicity Tests: Not available

Environmental: Product contains components which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and Federal/national regulations.

Bioaccumulation Potential: Not Available

Other Adverse Effects: No data available

Absorption Potential: No data available

Section XIII – Disposal Information

Disposal: Dispose in accordance with local, provincial and federal regulations.

Other Special Cautions: When container is empty, replace cap and offer for recycling. Where recycling is not available, securely wrap container in several layers of newspaper and discard in trash. Contaminated absorbent and wash water should be disposed of according to local, State, and Federal regulations.

Section XIV – Transport Information

TDG (Canada- Road)..... LTD QTY

IMDG (International- Marine)..... LTD QTY (AEROSOLS, Class 2.1, UN1950)

IATA (International- Air)..... AEROSOLS, Class 2.1, UN1950, LTD QTY.

Section XV – Regulatory Information

WHMIS

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

Section XVI – Other Information

Original Issued Date: May 25, 2018

Revision Date:

Additional Information: The information above is accurate and reliable to the best of our knowledge as the date hereof. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy and reliability or completeness. No warranty of any kind is given or implied and PREMIER TECH HOME & GARDEN will not be liable for any damages, losses, injuries or consequential damages which may result from the uses or reliance on any information contained. The users must do their own research for the pertinence of the information for specific use. For more information: www.premiertechhomeandgarden.com.
