

SECTION 1. IDENTIFICATION

Product Name(s): Wilson OneShot Jet Foam Ant Killer Spray
Product Code(s): 7316450
P.C.P.A. Registration No. 31686
Recommended Use: Insecticide
Restriction on Use: Use only as recommended by the label.
Manufacturer : Empack Spraytech Inc.
98 Walker Drive, Brampton, Ontario, Canada L6T 4H6
905-792-6571
Emergency Phone Number: 1-800-268-2806, option 1 or CANUTEC : (613) 996-6666

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)

Aerosols: Category 3
Skin Irritation: Category 3
Skin Sensitization: Category 1
Eye Irritation: Category 2B
Gas under pressure: Compressed gas

Pictogram(s):



Signal Word

Warning

Hazard Statement(s)

H229: Pressurized container: may burst if heated
H280: Contains gas under pressure; may explode if heated
H316: Causes mild skin irritation
H320: Causes eye irritation
H317: May cause an allergic skin reaction

Precautionary Statement(s)

Prevention

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251: Do not pierce or burn, even after use.
P261: Avoid breathing spray.
P272: Contaminated work clothing must not be allowed out of the workplace.
P280: Wear protective gloves.
P264: Wash hand thoroughly after handling.

Response

P302+P352: IF ON SKIN: Wash with plenty of water.
P332+P313: If skin irritation occurs: Get medical attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P321: For specific treatment see section 4 on this SDS.

Storage	P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313: If eye irritation persists: Get medical attention.
	P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
	P403: Store in a well ventilated place .
Disposal	P501: Dispose of product in accordance with local regulations.
Environmental hazards	Not classified
Other Hazards	Not known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%
Ethyl alcohol	64-17-5	10-30
Isobutane	75-28-5	5-10
Propane	74-98-6	1-5
Distillates (petroleum), Hydrotreated Light	64742-47-8	1-5
N-Octyl Bicycloheptene Dicarboximide	113-48-4	0.25
Permethrin	52645-53-1	0.20
Pyrethrins	8003-34-7	0.05

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

SECTION 4. FIRST-AID MEASURES

Inhalation	If inhaled, 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.
Skin Contact	If on skin or clothing, 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.
Eye Contact	If in eyes, 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
Ingestion	If swallowed, 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.
Most Important Symptoms and Effects, Acute and Delayed	Direct contact with eyes may cause temporary irritation.
Immediate Medical Attention and Special Treatment	Treat symptomatically. Provide general supportive measures and treat symptomatically. In case of shortness of breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing Media****Suitable Extinguishing Media**

Dry chemical powder. Carbon dioxide. Foam, water spray or fog.

Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards Arising from the Product

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

During fire, gases hazardous to health may be formed.

Special Protective Equipment and Precautions for Fire-Fighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire fighting equipment/instructions

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

Non Flammable aerosol, but contains flammable propellant.

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 and then collect with non-combustible absorbent material, (e.g. sand, and Cleaning Up earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). 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:	Wash thoroughly after 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. Avoid contact with eyes. Avoid breathing vapours or spray mists of this product. Use with adequate ventilation. Keep away from heat, sparks, and open flames.
Conditions for Safe Storage:	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 in a cool, dry, well-ventilated area away from incompatible substances. (see Section 10 of the SDS). Store a temperature between 5°C (41°F) and 50°C(122°F).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

INGREDIENT	US : ACCIH TLV		OSHA PEL	NIOSH
	TWA	STEL	PEL	REL
Ethyl alcohol	1000 ppm	1000 ppm	1000 ppm	1000 ppm
Isobutane	NA	1000 ppm	NA	NA
Propane	NA	NA	1000 ppm	NA
Distillates (petroleum), Hydrotreated Light	200 mg/m ³ (as total hydrocarbon vapor)	NA	NA	NA
N-Octyl Bicycloheptene Dicarboximide	NA	NA	NA	NA
Permethrin	NA	NA	NA	NA
Pyrethrins	5 mg/m ³	NA	5 mg/m ³	NA

NA: Not Available

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate Engineering Controls	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved. Ground all equipment and cylinders before use.

Individual Protection Measures

Eye/Face Protection:	Prevent eye contact, wear safety glasses in the event that eye contact is possible.
Skin Protection:	Not normally required.
Respiratory Protection:	Not required on a short-term basis or if exhaust ventilation is provided. Use approved NIOSH respirators for emergencies.
Thermal hazards	None known.

General hygiene considerations

When using, do not eat, drink or 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 prior to use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Aerosol, jet foam
Odour	Characteristic odor (clean and alcohol scent)
Odour Threshold	No data available
pH	7.5-10.0
Melting Point/Freezing Point	-115°C. Approximately. (Ethanol).
Boiling Point and boiling range	-11.72°C. (Isobutane).
Flash Point	-82.8°C. (Isobutane).
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper/Lower Flammability or Explosive Limit	
Flammability limit – lower (%)	1.8. (Isobutane).
Flammability limit – upper (%)	8.8. (Isobutane).
Explosive limit - lower (%)	No data available
Explosive limit - upper (%)	No data available
Vapour Pressure	50-65
Vapour Density (air=1)	No data available
Density	No data available
Solubility	Soluble
Partition Coefficient, n-Octanol/Water (Log K _{ow})	No data available
Auto-ignition Temperature	460°C (Isobutane).
Decomposition Temperature	No data available
Viscosity	No data available
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.920-0.960.

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 source of heat and flames, and electrostatic charge.

Incompatible Materials

Avoid contacting with oxidizers.

Hazardous Decomposition Products

Thermal decomposition and burning may produce carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Ingredients	LC50	LD50
Ethyl alcohol	31 623 ppm (Rat – 4hrs)	7,060 mg/kg (Oral - Rat); 20,000 mg/kg (Dermal - Rabbit)
Isobutane	658 mg/L (Rat - 4 hrs)	Not available
Propane	658 mg/L (Rat - 4 hrs)	Not available
Distillates (petroleum), Hydrotreated Light	>5.2 mg/L (Rat - 4hrs)	>5,000 mg/kg (Oral - Rat); >2,000 mg/kg (Dermal - Rabbit)
N-Octyl Bicycloheptene Dicarboximide	>4.08 mg/L (Rat - 4hrs)	5,000 mg/kg (Oral - Rat); 2,000 mg/kg (Dermal - Rabbit)
Permethrin	Not available	1,000 mg/kg (Oral - Rat); >2,000 mg/kg (Dermal - Rabbit)
Pyrethrins	>2.03 mg/L (Rat - 4 hrs)	>2,000 mg/kg (Oral - Rat); >5,000 mg/kg (Dermal - Rabbit)

Likely Routes of Exposure:

Inhalation Skin contact Eye contact Ingestion

Symptoms related to the physical, chemical and toxicological characteristics

Irritant effects

Skin Corrosion/Irritation:

Causes skin irritation

Serious Eye

Direct contact with eyes may cause temporary irritation.

Damage/Irritation:
Respiratory and/or Skin

May cause sensitization by skin contact.

Sensitization:
STOT (Specific Target Organ Toxicity)
Single Exposure:

Not classified.

Repeated Exposure:

Not classified.

Carcinogenicity

Not classified as carcinogenic by ACGIH, IARC, OSHA or NTP.

Reproductive Toxicity

Contains no ingredient listed as toxic to reproduction.

Germ Cell Mutagenicity

No information is available, and no adverse effects are expected.

Oral LD50-Rat (Mixture, calculated)

>5,000 mg/kg

Dermal LD50-Rabbit (Mixture, calculated):

>5,000 mg/kg

Inhalation LC50-Mouse 4hrs (Mixture,calculated)

>60 mg/L.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Complete information is not yet available. This product has not been tested. Based on information available on its ingredients, no adverse environmental impact is anticipated under intended use in accordance with instructions. Ethyl alcohol (CAS#: 64-17-5): Toxicity to fish: LC50 14200 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: 9300 mg/L, 48 hrs; Toxicity to algae: not available. Distillates, petroleum, hydrotreated light (CAS#: 64742-47-8): Toxicity to fish: LC50 > 45 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: EC50 Not available; Toxicity to algae: EC50 Not available.
Persistence and Degradability:	The product itself has not been tested.
Bioaccumulation Potential	The product itself has not been tested.
Mobility in Soil:	The product itself has not been tested.
Other Adverse Effects:	None Known.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of container in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

**Transportation of Dangerous Goods (TDG)
DOT (US-Road)**

IMDG (International- Marine)

IATA (International- Air)

Pictogram(s):

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

UN1950, AEROSOLS, Class 2.2, Ltd. qty.

UN1950, AEROSOLS, Class 2.2, Ltd. qty. Consumer
Commodity, OMR-D

UN1950, AEROSOLS, Class 2.2, Ltd. qty.

UN1950, AEROSOLS, Class 2.2, Ltd. qty.



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. 31686 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: KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with eyes, skin, or clothing. DO NOT USE ON HUMANS, PLANTS, ANIMALS, FOOD STUFF, FOOD UTENSILS, FISHBOWLS OR ANIMAL FEED AREAS. DO NOT USE AS A SPACE SPRAY. Do not use in areas where food is handled, prepared or stored. Remove or cover all exposed foods and cooking utensils before spraying. May cause skin and/or eye irritation. Product is very toxic to fish. Do not contaminate water by improper use or disposal. Contents under pressure. Do not place in hot water or near radiators, stove or other sources of heat, or store at temperatures over 50° C. When container is empty, press button to release all pressure. Do not re-use. Do not throw into fire. Wrap in newspaper and then discard in household garbage.

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: 2019-09-03

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