Novella Brands Inc
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Brampton, Ontario, L6T 5V1
Canada
905-790-0636

PRODUCT: Blaze Pro Ant Killer - 400 g (Reg.32595) **CODE: P3-099802**

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identity.....	Blaze Pro Ant Killer - 400 g (Reg.32595)
Product Item Numbers.....	P3-099802
Manufacturer.....	Empack Spraytech Inc. 98 Walker Drive Brampton Ontario Canada L6T 4H6 905-792-6571
24 hour emergency telephone number.....	In Canada: Call CANUTEC (613) 996-6666 - In The United States: Call CHEMTREC (800) 424-9300.
Recommended Use.....	Insecticide Spray.

SECTION 02: HAZARDS IDENTIFICATION

Label Elements:

Signal Word.....	WARNING.

Hazard Classification:

Physical Hazards.....	Aerosols - Category 3. Gases Under Pressure - Liquefied Gas .
Health Hazards.....	Not Classified.
Hazard Statement.....	Pressurized container: may burst if heated. Contains gas under pressure; may explode if heated.

Precautionary Statements:

Prevention.....	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use.
Response.....	None .
Storage.....	Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F. Store in a well-ventilated place.
Disposal.....	None.
Hazard(s) not otherwise classified (HNOC)	Use only as directed. KEEP OUT OF REACH OF CHILDREN.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Isobutane	75-28-5	10-30
Petroleum Distillates	64742-47-8	5-10
Tetramethrin	7696-12-0	0.200
d-Phenothrin	26002-80-2	0.200
Fragrance	Mix	<0.10

SECTION 04: FIRST AID MEASURES

Inhalation.....	No specific effects have been reported. Supply fresh air if any irritations persists.
Eye Contact.....	Check for and remove contact lenses. Immediately flush eyes with water for a minimum of 15 minutes keeping eyelids open. Consult a doctor if any irritation occurs. Get medical attention if irritation persists.
Skin Contact.....	Remove contaminated clothing. Launder clothing before reuse. Wash thoroughly with soap and lukewarm water.
Ingestion.....	Not likely to be ingested. If occurs, do not give anything by mouth to an unconscious person. Do not induce vomiting, get medical attention. Obtain medical advice.
Most important symptoms/effects, acute .. and delayed	Direct eye contact may cause temporary eye irritation.

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SECTION 04: FIRST AID MEASURES

Indication of immediate medical attention and special treatment needed	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 05: FIRE FIGHTING MEASURES

Suitable Extinguishing Media.....	Dry chemical powder. Carbon dioxide. Foam, water spray or fog.
Unsuitable Extinguishing Media.....	None in particular.
Specific Hazards Arising from the Chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
Special Protective Equipment and ..... Precautions for Firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with water to prevent vapor pressure build up. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Remove undamaged containers from immediate hazard area if it is safe to do.
General Fire Hazards.....	Non Flammable aerosol, but contains flammable propellant.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective ..... Equipment and Emergency Procedures	Ensure adequate ventilation; avoid formation of dust. Wear protective equipment and keep unprotected persons away. Use respiratory protection against the effects of dust.
Methods and Materials for Containment .. and Cleaning Up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, 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.
Environmental Precautions.....	Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling.....	Wash thoroughly after handling . 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. Contents under pressure. Use with adequate ventilation. Keep away from heat, sparks, and open flames.
Conditions for Safe Storage including any Incompatibilities	Store in a cool, dry, well-ventilated area away from incompatible substances. Do not store in direct sunlight. Store a temperature between 5°C (41°F) and 50°C(122°F).

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL PEL	OSHA PEL STEL	NIOSH REL
Isobutane	Not available	1,000 ppm	Not available	Not available	Not available
Petroleum Distillates	100 ppm	Not available	500 ppm; 2900 mg/m3	Not available	350 mg/m3
Tetramethrin	Not available	Not available	Not available	Not available	Not available
d-Phenothrin	Not available	Not available	Not available	Not available	Not available
Fragrance	Not established	Not established	Not established	Not established	Not established

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.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Aerosol.
Physical Appearance	Fine mist.
Odour	Cedarwood.
Odour Threshold (ppm)	Not available.
pH	6.0-8.0.
Vapour Pressure (psig)	40-50 @ 21 °C .
Vapour Density (Air=1)	>1.
Evaporation Rate (n-Butyl Acetate = 1)	Not available.
Boiling Point (°C)	100°C.
Melting/Freezing Point (°C)	No data.
VOC Content	No data .
Specific Gravity (Liquid)	0.960-1.000.
Specific Gravity (Aerosol)	0.845-0.875.
Solubility in water	Soluble in water.
Auto Ignition Temperature (Propellant), °C	460. (Isobutane).
Flash Point (°C), Method	-82.8. (Isobutane).
Lower Explosive Limit (%, vol)	1.8. (Isobutane).
Upper Explosive Limit (%, vol)	8.4. (Isobutane).

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Product not reactive under normal conditions of use.
Chemical Stability	Stable at normal temperatures and pressures.
Possibility of Hazardous Reactions	Will not occur.
Conditions to Avoid	Avoid sources of heat and flame, 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
Isobutane	658 mg/L (Rat - 4hrs)	Not available
Petroleum Distillates	>5.2 mg/L (Rat - 4hrs)	>5,000 mg/kg (Oral - Rat); >2,000 mg/kg (Dermal - Rabbit)
Tetramethrin	Not available	4,640 mg/kg (Oral - Rat)
d-Phenothrin	>3.760 mg/L (Rat - 4hrs)	5,000 mg/kg (Oral - Rat); <1,000 mg/kg (Dermal - Rabbit)
Fragrance	No data	No data

Information on Likely Routes of Exposure:

Routes of entry - Inhalation	Yes.
Routes of entry - Skin & Eye	Yes.
Routes of entry - Ingestion	No.
Routes of entry - Skin Absorption	No.
Symptoms Related to the Physical,	Irritant effects.

Chemical and Toxicological Characteristics

Acute Toxicity	No known significant effects.
Skin Corrosion/Irritation	May cause mild skin irritation.
Serious Eye Damage/Eye Irritation	Direct eye contact may cause slight redness.
Respiratory or Skin Sensitization	Inhalation may cause respiratory tract irritation. May cause skin sensitization.
Germ Cell Mutagenicity	No information is available, and no adverse effects are expected.
Carcinogenicity	Not classified as carcinogenic by ACGIH, IARC, OSHA or NTP.
Reproductive Toxicity	Based on available data, the classification criteria are not met.
STOT - Single Exposure	Not classified.
STOT - Repeated Exposure	Not classified.
Aspiration Hazard	No data available .
Chronic Effects	No long term chronic effects are known or anticipated.

Toxicological Data

Inhalation LC50-Rat 4hrs (Mixture, calculated):	~19 mg/L.
Oral LD50-Rat (Mixture, calculated):	~50,000 mg/kg.
Dermal LD50-Rabbit (Mixture, calculated):	~21,000 mg/kg.

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment. 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

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

SECTION 14: TRANSPORT INFORMATION

TDG (Canada- Road).....	UN1950, AEROSOLS, Class 2.2.
DOT (US-Road).....	UN1950, AEROSOLS, Class 2.2, LTD QTY, Consumer Commodity, ORM-D.
IMDG (International- Marine).....	UN1950, AEROSOLS, Class 2.2.
IATA (International- Air).....	UN1950, AEROSOLS, Class 2.2, LTD QTY.

SECTION 15: REGULATORY INFORMATION

Canada Regulations:.....	WHMIS Classification. A: Compressed gas.
US Regulations.....	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxics under California Proposed 65 at levels which would be subjected to the proposition. OSHA (29CFR 1910.1200). National Inventory TSCA : Cosmetic products are not regulated under TSCA.

SECTION 16: OTHER INFORMATION

Disclaimer.....	This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. . The information contained herein is based on data considered accurate. No guarantee or warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendors or users or third parties, caused by the material. Such vendors or users assume all risks with the use of the material.
Abbreviations.....	ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHMIS: Workplace Hazardous Materials Information System STOT: Specific Target Organ Toxicity.
Prepared by	Regulatory Affairs
Latest Revision	AUG 20/2018