

Novella Brands Inc.
120 Midair Court
Brampton, ON, L6T 5V1
Canada
905-790-0636

PRODUCT: P3-099905_Blaze Pro Bed Bug Killer KILLS ON CONTACT

CODE: P3-099905

SECTION 01: IDENTIFICATION

Product Identity..... P3-099905_Blaze Pro Bed Bug Killer KILLS ON CONTACT
Product Item Numbers..... P3-099905
Supplier..... Novella Brands Inc.
120 Midair Court
Brampton
Canada
L6T 5V1
905-790-0636
24 hour emergency telephone number..... In Canada: Call CANUTEC (613) 996-6666 - In The United States: Call CHEMTREC (800) 424-9300.
Consumer Commodity..... Yes.
Recommended Use..... Insecticide.

SECTION 02: HAZARD IDENTIFICATION



Label Elements:

Signal Word..... WARNING.
Hazard Classification:
Physical Hazards..... Aerosols - Category 3. Gases Under Pressure - Liquefied Gas . .
Health Hazards..... Skin Irritation - Category 3. Skin Sensitization - Category 1.
Hazard Statement..... H229:Pressurised container: may burst if heated (2). H317:May cause an allergic skin reaction. H316:Causes mild skin irritation. H280:Contains gas under pressure; may explode if heated (C).
Precautionary Statements:
Prevention..... P261:Avoid breathing dust/fume/gas/mist/vapours/spray. P272:Contaminated work clothing must not be allowed out of the workplace. P264:Wash hand thoroughly after handling. P280:Wear protective gloves/ protective clothing/ eye protection/ face protection. P271:Use only outdoors or in a well-ventilated area. P251:Do not pierce or burn, even after use. P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Response..... 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 advice/attention. P302+P352:IF ON SKIN: Wash with plenty of water. P333+P313:If skin irritation or rash occurs: Get medical advice/attention. P362+P364:Take off contaminated clothing and wash it before reuse. P312:Call a POISON CENTER if you feel unwell.
Storage..... P403+P233:Store in a well-ventilated place. Keep container tightly closed.
Disposal..... P410+P412:Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.
Hazard(s) not otherwise classified (HNOC) P501:Dispose of contents/container in accordance with local, regional, national, and/or international regulations. Use only as directed. KEEP OUT OF REACH OF CHILDREN.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Isobutane	75-28-5	7-13
Petroleum Distillates	64742-47-8	5-10
d-Phenothrin	26002-80-2	0.200
Tetramethrin	7696-12-0	0.200
Fragrance	Mix	0.1-1

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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.....	Not applicable .
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical assistance.
Ingestion.....	If swallowed, get medical attention immediately. Do not induce vomiting, get medical attention.
Most important symptoms/effects, acute .. and delayed	Direct eye contact may cause temporary eye irritation.
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

Flammability Class.....	Flammable.
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. .
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.
Hazardous Combustion Products.....	Under fire conditions this product will support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide and nitrogen oxides.
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.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures Methods and Materials for Containment .. and Cleaning Up	For small quantities wear gloves, wipe up with damp cloth, rinse cloth thoroughly and allow cloth to dry before laundering. 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.....	Not applicable .

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling.....	Avoid contact with eyes. Avoid ingestion and inhalation. Wash thoroughly after handling . Empty containers retain product residue, liquid and/or vapour, it can be dangerous. Use in well ventilated area. Avoid contact with heat, sparks and flame. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
Conditions for Safe Storage including any Incompatibilities	Do not handle or store near an open flame, heat or other sources of ignition. Store away from incompatible materials (see Section 10).

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
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
d-Phenothrin	Not available	Not available	Not available	Not available	Not available
Tetramethrin	Not available	Not available	Not available	Not available	Not available
Fragrance	Not available	Not available	Not available	Not available	Not available
Individual Protection Measures: Appropriate Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.				

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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..... N/A.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Aerosol spray mist.
 Physical Appearance..... Milky.
 Odour..... Fragrance.
 Odour Threshold (ppm)..... Not applicable.
 pH..... 7-8.
 Boiling Point liquid (°C)..... 100°C.
 VOC Content..... < 26.
 Evaporation Rate (n-Butyl Acetate = 1)..... >1 .
 Specific Gravity (Aerosol)..... 0.920- 0.940.
 Melting/Freezing Point (°C)..... < 0.
 Vapour Pressure (psig)..... 90-110.
 Vapour Density (Air=1)..... Not applicable.
 Solubility in water..... Soluble.
 Auto Ignition Temperature (°C)..... Not available.
 Flash Point (°C), Method..... Not flammable. Closed cup. .
 Lower Explosive Limit (% vol)..... 1.8. (Isobutane).
 Upper Flammable 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..... Strong acids, bases, and oxidizing agents.
 Hazardous Decomposition Products..... May form carbon dioxide and carbon monoxide, various hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Isobutane	658 mg/L (Rat - 4 hrs)	Not available
Petroleum Distillates	>5.2 mg/L (Rat - 4hrs)	>5,000 mg/kg (Oral - Rat); >2,000 mg/kg (Dermal - Rabbit)
d-Phenothrin	>2.0 mg/L (Rat - 4 hrs)	>5,000 mg/kg (Oral - Rat); >2,000 mg/kg (Dermal - Rat)
Tetramethrin	>1.180 mg/L (Rat - 3 hrs)	>5,000 mg/kg (Oral - Rat); >5,000 mg/kg (Dermal - Rat)
Fragrance	No data available	No data available
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.	
Toxicological Data		
Inhalation LC50-Rat 4hrs (Mixture, calculated):	72.2 g/Kg.	
Oral LD50-Rat (Mixture, calculated):.....	135.3 g/kg. .	
Dermal LD50-Rabbit (Mixture, calculated):	66.1 g/Kg.	

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Liquid release is only expected to cause localized, non-persistent environmental damage, such as cooling/drying.
 Ecotoxicity..... Harmful to aquatic organisms, may cause long-term adverse effects in the environment.
 Bioaccumulation Potential..... The product itself has not been tested.
 Mobility in Soil..... The product itself has not been tested.
 Other Adverse Effects..... None Known.

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SECTION 12: ECOLOGICAL INFORMATION

Persistence and degradability The product itself has not been tested.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

UN Proper Name..... AEROSOLS.
UN Number..... 1950.
Transport Hazard Classification..... 2.2.
IMDG (International- Marine)..... Not currently regulated.
IATA (International- Air)..... Not currently regulated.
Any Special Precautions..... Protect from freezing.

SECTION 15: REGULATORY INFORMATION

CEPA Status..... All components of this product are listed on the Domestic Substance List (DSL) .
WHMIS Classification..... Not applicable.
TSCA Inventory Status..... All components are either listed or exempt from the TSCA.
OSHA..... Not applicable.
SARA Section 313..... None.

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.

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