

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

PRODUCT: Blaze Pro Bed Bug Killer KILLS ON CONTACT (PCP 31554)

CODE: P3-090211

SECTION 1: IDENTIFICATION

Product Identity..... Blaze Pro Bed Bug Killer KILLS ON CONTACT (PCP 31554)
Product Item Numbers..... P3-090211
Initial Supplier Identifier..... Novella Brands Inc.
120 Midair Court
Brampton
Ontario
Canada
L6T 5V1
24 hour emergency telephone number..... In the event of a transport emergency, contact CANUTEC at 1-613-996-6666. For health emergencies, contact Empack Spraytech Inc. at 1-866-923-2665.
Recommended Use..... Insecticide Spray.
Restrictions on use..... Not available.

SECTION 2: HAZARD IDENTIFICATION



Label Elements:
Signal Word..... WARNING.
Hazard Classification:
Physical Hazards..... Aerosols - Category 3. Gases Under Pressure - Liquefied Gas.
Health Hazards..... Not Classified.
Hazard Statement..... H229:Pressurised container: May burst if heated (3). H280:Contains gas under pressure; may explode if heated (L).
Precautionary Statements:
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.
Response..... None.
Storage..... P410+P412:Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.
P410+P403:Protect from sunlight. Store in a well-ventilated place.
Disposal..... None.
Other hazards known to the supplier..... Not available.
Hazard(s) not otherwise classified (HNOC) None Known.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	COMMON NAME & SYNONYMS	CAS #	WT. %
Isobutane: 2-Methylpropane		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 4: 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 .. Direct eye contact may cause temporary eye irritation.
and delayed

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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 5: 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 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition. Material can create slippery conditions. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas.

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 7: 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 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Isobutane: 2-Methylpropane	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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Physical State.....	Aerosol.
Colour.....	Not available.
Odour.....	Cedarwood.
Melting Point and Freezing Point (°C).....	No data.
Boiling Point or Initial Boiling Point and	100°C.
Boiling Range (°C)	
Flammability.....	Not applicable.
Lower Explosive Limit (% vol).....	1.8. (Isobutane).
Upper Explosive Limit (% vol).....	8.4. (Isobutane).
Flash Point (°C), Method.....	-82.8. (Isobutane).
Auto Ignition Temperature (Propellant), °C	460. (Isobutane).
Decomposition Temperature.....	Not available.
pH.....	6.0-8.0.
Kinematic Viscosity.....	Not available.
Solubility.....	Soluble in water.
Partition Coefficient — n-Octanol/Water .. (Logarithmic Value)	Not available.
Vapour Pressure (psig).....	40-50 @ 21 °C .
Density.....	Not available.
Relative density.....	0.970-0.990.
Relative Vapour Density	>1.
Particle Characteristics.....	Not available.
Aerosol Flame Projection.....	0 cm.
Aerosol Ignition Distance.....	Ignition Distance of less than 15 cm.
Flashback.....	No.
VOC Content.....	No data.
Note.....	NMT = Not More Than.

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: 2-Methylpropane	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)
Tetramethrin	>1.180 mg/L (Rat - 3 hrs)	>5,000 mg/kg (Oral - Rat); >5,000 mg/kg (Dermal - Rat)
d-Phenothrin	>2.0 mg/L (Rat - 4 hrs)	>5,000 mg/kg (Oral - Rat); >2,000 mg/kg (Dermal - Rat)
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		

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

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. PESTICIDAL WASTE: For disposal information, please read and follow Disposal instructions on the pesticide label. .

SECTION 14: TRANSPORT INFORMATION

TDG (Canada- Road)..... UN1950, AEROSOLS, Class 2.2, Ltd. qty.

DOT (US-Road)..... UN1950, AEROSOLS, Class 2.2, Ltd. qty., Consumer Commodity, ORM-D.

IMDG (International- Marine)..... UN1950, AEROSOLS, Class 2.2, Ltd. qty.

IATA (International- Air)..... UN1950, AEROSOLS, Class 2.2, Ltd. qty.

Special precautions in connection with None known.

transport or conveyance either within or outside the premises

Environmental hazards..... None known.

SECTION 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada Regulations:..... Compliant to the current Hazardous Products Regulations (HPR).

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.

PCPA Labelling..... This product is a registered pest control product regulated by Health Canada's Pest Management Regulatory Agency (PMRA) under the Pest Control Products Act (PCPA). Labeling requirements under the PCPA differ from the GHS classification criteria used in this Safety Data Sheet. The approved product label is the primary document for safety, use, and handling. Always read and follow the approved label before using or handling this product.

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.

NFPA Storage Level..... Level 1.

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