

Infosafe No™ VARFV Issue Date : November 2024 ISSUED by MILESTON

Product Name **MILESTONE INSECT SPRAY**

Section 1 - Identification

Product Identifier MILESTONE INSECT SPRAY
Company Name Milestone Chemicals Pty. Ltd. (ABN 85115166357)
Address 115 Northern Road West Heidelberg
 VIC 3081 AUSTRALIA
Telephone/Fax Number Tel: (03) 9450 4555
 Fax: (03) 9457 5518
Emergency Phone Number (03) 9450 4555 Mon-Fri 8am - 6pm
Recommended use of the chemical and restrictions on use Insect Spray

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture Aerosols: Category 1
 Carcinogenicity: Category 2
 Eye damage/irritation: Category 2A
 Specific target organ toxicity (repeated exposure): Category 1
 Specific target organ toxicity (single exposure): Category 1
Signal Word DANGER
Hazard Statement (s) H222 Extremely flammable aerosol.
 H229 Pressurized container: may burst if heated.
 H319 Causes serious eye irritation.
 H351 Suspected of causing cancer.
 H370 Causes damage to organs.
 H372 Causes damage to organs through prolonged or repeated exposure.
Pictogram (s) Flame, Health hazard, Exclamation mark



Precautionary Statement – Prevention P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P270 Do not eat, drink or smoke when using this product.
 P280(c) Wear protective gloves/protective clothing.
Precautionary Statement – Response P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P314 Get medical advice/attention if you feel unwell.
Precautionary Statement – Storage P405 Store locked up.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Precautionary Statement – General P102 Keep out of reach of children.
 P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Butane	106-97-8	10-30 %
	Propane	74-98-6	10-30 %
	Ethanol	64-17-5	10-30 %
	Dichloromethane	75-09-2	10-30 %
	Tetramethrin	7696-12-0	0-1 %

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Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Bioresmethrin	28434-01-7	0-1 %
	Ingredients determined not to be hazardous		to 100%

Section 4 - First Aid Measures

Inhalation	Do not breathe vapour. Remove victim to fresh air. Keep victim warm and calm. If patient is unconscious and breathing, place them in the coma position, check airway and observe. Administer oxygen if breathing is difficult. Apply resuscitation if victim is not breathing. Obtain immediate medical care.
Ingestion	Do NOT induce vomiting. Give a glass of water to be taken slowly and seek medical advice.
Skin	Remove contaminated clothing. Wash area thoroughly with soap and water.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Product contains a very low proportion of two synthetic pyrethroid insecticides in hydrocarbon solvents. Contact Poisons Information Centre.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Small fire: Use water spray, dry chemical or carbon dioxide. Large fire: Use water spray or fog.
Hazards from Combustion Products	Heat or damage to containers can release flammable / poisonous gases. Extremely flammable. Pressurised dispenser. Closed containers may rupture when exposed to heat greater than 50 C. Ruptured containers will rocket. Released gases can form explosive mixtures with air. Hazardous concentrations can accumulate in a confined space. Released gases can travel to source of ignition and flash back. Fire can produce irritating, poisonous and corrosive gases. Propellant is extremely flammable and heavier than air.
Special Protective Equipment for Firefighters	High concentration of gas could cause dizziness or asphyxiation without warning. Released gases are harmful. Wear SCBA and protective gloves. If large amounts are involved, wear SCBA and chemical splash suit.
Specific Methods	Fight fire from protected position or use unmanned hose holders or monitor nozzles. If safe to do so, move undamaged containers from fire area. Do not approach hot containers. Cool containers with water before handling. If impossible to extinguish fire, protect surroundings, withdraw from area and allow fire to burn.
Hazchem Code	2YE

Section 6 - Accidental Release Measures

Emergency Procedures	Immediately contact police or fire brigade. Spill or leak area should be isolated immediately for at least 8 m in all directions. Eliminate all sources of ignition within at least 15 m. Keep unauthorised personnel away. Keep upwind and to higher ground. When a large quantity is involved in a fire, consider initial evacuation for at least 100 m in all directions. Send message to police and fire brigade. Tell them the location, material, UN Number, quantity and emergency contact as well as damage observed.
Spills & Disposal	Eliminate all ignition sources (no smoking, flares, sparks or flame) within at least 15 m. All equipment used when handling the product must be earthed. If water is available, spray leaking containers to reduce ignition hazard and disperse gas. Isolate area until gas has dispersed. Ventilate area. Avoid release to the environment. Do not empty into drains. Absorb in inert absorbent material for disposal by an approved method and / or local regulations.

Section 7 - Handling and Storage

Precautions for Safe Handling	Spray in a well ventilated area. Do not breathe vapour. Local exhaust ventilation may be necessary to minimise excessive vapour concentration, if levels are likely to be high or in a confined space. Avoid static charge and
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Conditions for safe storage, including any incompatibilities discharge with high concentrations and in confined space. Store in a well ventilated area. Pressurised dispenser. Protect from sunlight and do not expose to temperatures exceeding 50 C. Do not pierce or burn this can, even when empty. Store away from corrosive products. Store in accordance with Dangerous Goods Regulations and transport in accordance with the ADG Code for Dangerous Goods Class 2.1

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Butane			1900	800	
	Ethanol			1880	1000	
	Dichloromethane			174	50	
Other Exposure Information	TLV-STEL: None assigned. [NOHSC] - National Occupational Health & Safety Commission (Worksafe Australia) TWA for Butane is 800ppm Propane is an asphyxiant					
Engineering Controls	Local exhaust ventilation may be necessary to minimise excessive vapour concentration, if levels are likely to be high or in a confined space.					
Personal Protective Equipment	Avoid spraying onto eyes and skin. Avoid breathing the vapour. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Goggles, face shield or safety glasses Gloves, nitrile or high grade PVC Wear safety glasses and protective gloves. Wear respirator complying with AS1715 and AS1716 if concentration levels are high. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.					

Section 9 - Physical and Chemical Properties

Form	Liquid
Appearance	Aerosol, fine clear spray
Odour	Solvent odour.
Boiling Point	201-243
Solubility in Water	Insoluble
Specific Gravity	0.58 approx.
pH	Not applicable
Flash Point	-104 to -60°C
Flammability	Extremely flammable.
Flammable Limits - Lower	1.5% in air (v/v)
Flammable Limits - Upper	9.6% in air (v/v)
Other Information	Container under pressure.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Heat, flames and sparks. Avoid static charge and discharge with high concentrations and in confined space. Avoid damp conditions.
Incompatible Materials	Can react violently with oxidising agents - chlorine, pool chlorine or nitric acid.

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Hazardous Decomposition Products Not available.

Section 11 - Toxicological Information

Acute Toxicity - Oral LD 50 : Synthetic pyrethroids 1,000 - 1,244 mg/kg oral, mouse/rat

Ingestion Unlikely due to high volatility of product, but is harmful.

Inhalation May cause light-headedness, dizziness and drowsiness. Excessive exposure may cause unconsciousness or even death, due to asphyxiation.

Skin May cause cold burn. Irritating to skin.

Eye Liquid will cause severe damage, vapour may irritate.

Chronic Effects No data.

Section 12 - Ecological Information

Ecotoxicity Propellant will vapourise rapidly when released to atmosphere. Propellant consists of hydrocarbons that photo chemically decompose under atmospheric conditions.

Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal Dispose of can by putting in garbage or leaving it at an appropriate metal recycling collection point.

Container Disposal and Methods Do not pierce or burn, even when empty.

Section 14 - Transport Information

Transport Information Classified as a Class 2 Dangerous Good. Dangerous Goods of Class 2.1 Flammable Gases, or with a subsidiary risk of 2.1, are incompatible in a placard load with any of the following: - Class 1, Class 3, if both the Class 2.1 and Class 3 dangerous goods are in bulk, Class 4, Class 5, and Class 7.

ADG UN Number 1950

ADG Proper Shipping Name AEROSOLS

ADG Transport Hazard Class 2.1

Hazchem Code 2YE

EPG Number 2D1

IERG Number 49

Special Precautions for Use Spray in well ventilated area. Keep away from sources of ignition - No smoking.
Extremely flammable- Do not spray on a naked flame or any incandescent material.
Keep out of reach of children.

Section 15 - Regulatory Information

Poisons Schedule S5

Australia (AICS/AIIC) All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation 9/11/2024

Literature References Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail

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**Signature of
Preparer/Data
Service**

Globally Harmonised System of classification and labelling of chemicals GHS7
Technical manager Tel: (03) 9450 4555

**Technical Contact
Numbers**

Emergency Advice All Hours:
Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs

Other Information

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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