

Material Safety Data Sheet

Aerosol Pestrol Automist Insect Killer

COMPANY AND PRODUCT IDENTIFICATION

Company Name Aaron Laboratories Pty Ltd
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Product Name Pestrol Automist Insect Killer 150g
Pestrol Automist Insect Killer 312g
Other Names Not relevant
Manufacturers Code Not relevant
Recommended use Insecticide

Poisons Information Centre
AUSTRALIA 13 1126
NEW ZEALAND 0800 764 766 or 0800 POISON

HAZARDS IDENTIFICATION

Hazard Classification This product is classified as hazardous under NOHSC criteria. This product is classified as a Dangerous Good by the Australian Dangerous Goods Code.
F: Flammable
Xn: Harmful
Xi: Irritant

Risk phrase(s) Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
R12 Extremely flammable
R65 Harmful: May cause lung damage if swallowed
R66 Repeated contact may cause skin dryness or cracking

Safety phrase(s) S2 Keep out of reach of children
S16 Keep away from sources of ignition - No smoking
S23 Do not breathe spray/vapour/mist
S24 Avoid contact with skin
S46 If swallowed, seek medical advice immediately and show this container or label
S47 Keep at temperature not exceeding 50 °C / 122 °F
S51 Spray in well-ventilated area.

For further health and safety information please refer to the full MSDS.

Note: This product should not be used for any other purpose than recommended use.

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COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
Piperonyl Butoxide	51-03-6	0-5%
Pyrethrum	8003-34-7	0-5%
Naptha (petroleum) hydrotreated light	64742-48-9	30-60%
Hydrocarbon propellant		60-90%
- Propane	74-98-6	
- Butane	106-97-8	
Other ingredients		to 100%

FIRST AID MEASURES

Keep victim warm and calm- Seek immediate medical attention – Ensure that attending medical personnel are aware of identity and nature of the product involved, and take precautions to protect themselves.

Inhalation: Do not breathe vapour/mist. Remove victim to fresh air to prevent further exposure. Seek medical attention. Apply resuscitation if victim is not breathing and use respiratory protection. If victim has ingested or inhaled the substance, prevent from using mouth to mouth resuscitation technique. Mechanical device and supplemental oxygen should be used instead.

Skin Contact: If contact with skin or hair, remove contaminated clothing and shoes immediately and flush skin and hair immediately with running water at room temperature for 15 minutes. For minor skin contact, avoid spreading material on unaffected skin.

Eye Contact: If contact with eyes, flush out immediately with water for 15 minutes. If symptoms persist, seek medical attention.

Ingestion: Due to high volatility of product, this is not likely to occur. If sprayed in mouth, rinse mouth with plenty of water. If swallowed, do NOT induce vomiting. Seek medical attention.

FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Small fire: Use water spray/fog, dry chemical or carbon dioxide (CO ₂). Large fire: Use water spray/fog. 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. Ensure leakage does not enter streams, sewers or drinking water supply.
Hazards	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 / 122 °F. Ruptured containers may rocket. Released gases can form invisible, odourless explosive mixtures with air. Hazardous concentrations can accumulate in a confined space. Released gases can travel to source of ignition causing flashback. Fire can produce irritating, poisonous and corrosive gases. Propellant is extremely flammable and heavier than air.

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Precautions / PPE Use spark-proof tools and explosion-proof equipment. 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.

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. Notify police and fire brigade of the location, material, UN Number, quantity and emergency contact as well as damage observed.

Containment / Clean up Procedures 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 or natural waterways. Absorb spill with inert absorbent material (e.g. dry sand or earth) for disposal using an approved method or following local regulations.

HANDLING AND STORAGE

Precautions for Safe Handling Extremely flammable- Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. 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 discharge with high concentrations and in confined space.

Conditions for Safe Storage Keep out of reach of children. Store in a well-ventilated area. Pressurised dispenser. Protect from sunlight and do not expose to temperatures exceeding 50 °C / 122 °F. 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

EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards There is no established TLV (Threshold Limit Value) for this product. Avoid exposure – obtain special instructions before use.
TWA (Time-Weighted Average-8hr) for Butane is 800ppm.
Propane is an asphyxiant.

Biological Limit Values Not available.

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.

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Personal Protective Equipment Wear safety glasses and protective gloves. Wear respirator complying with AS1715 and AS1716 if concentration levels are high.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance Aerosol, Fine clear spray
Odour Solvent like
pH Not applicable
Vapour Pressure Not available
Vapour Density Not available
Boiling / Melting Point Not available
Solubility in water Immiscible
Specific Gravity (propellant) 0.58 approx
Flash Point (propellant) -104 to -60°C
Flammable limits (propellant) 1.5% to 9.6% in air (v/v)
Ignition Temperature (propellant) 494°C to 600°C

STABILITY AND REACTIVITY

Chemical Stability Stable under normal ambient conditions of storage and use. Avoid heat sources. Aerosol cans may explode when subject to extremes of heat or pressure and may become projectiles.
Conditions to avoid Heat, flames and sparks. Avoid static charge and discharge with high concentrations and in confined space. Avoid damp conditions.
Incompatible Materials / Hazardous Reactions Can react violently with oxidising agents – chlorine, pool chlorine or nitric acid.
Hazardous Decomposition Products Products may include oxides of carbon and nitrogen.

TOXICOLOGICAL INFORMATION

Potential adverse health effects and symptoms associated with exposure to the material Vapours may cause drowsiness and dizziness.
Ingestion: Unlikely due to high volatility of product, but is harmful, may cause lung damage if swallowed.
Eyes: Liquid will cause severe damage, vapour may irritate.
Skin: May cause cold burn. Irritating to skin.
Inhalation: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. May cause light-headedness, dizziness and drowsiness. Excessive exposure may cause unconsciousness or even death, due to asphyxiation.

ECOLOGICAL INFORMATION

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The information provided is based on data available for the material and the components of the material.

Ecotoxicity / Persistence / Degradability / Mobility Propellant will vaporise rapidly when released to atmosphere. Propellant consists of hydrocarbons that photo chemically decompose under atmospheric conditions.

DISPOSAL CONSIDERATIONS

Disposal of material must comply with local laws and regulations at time of disposal.

Disposal methods Recycle empty can.
Special precautions for landfill or incineration Empty containers might contain residue and can be dangerous. Do not pierce or burn, even when empty.

TRANSPORT INFORMATION

UN Number 1950
Proper Shipping Name (ADG 7, IMDG) AEROSOLS
Proper Shipping name (IATA) AEROSOLS, FLAMMABLE
Emergency Procedure Guide 2D1
Class and subsidiary risk(s) 2.1
Packaging Group None allocated
Special precautions for user Keep out of reach of children.
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.
Hazchem None Allocated

REGULATORY INFORMATION

Poisons Schedule N/A
Additional information Not applicable

OTHER INFORMATION

Issue 1.2
Hazard Symbol:

Symbol
Flame



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Symbol
Health hazard



Symbol
Exclamation mark

