



Vetafarm

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MATERIAL SAFETY DATA SHEET	A.I.L.
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Date of Issue: 22 July 1999	Issue 1
Not classified as Hazardous according to criteria of Worksafe Australia.	

USES: Residual insecticide and insect growth regulator. For the control of lice in ornamental cage birds and their environs.

SECTION I - IDENTITY

Product Name:	Avian Insect Liquidator.
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Active Ingredient 1:	Piperonyl Butoxide
Chemical Name:	5-[[2-(2-Butoxyethoxy)ethoxy]methyl]-6-propyl-1,3-benzodioxole.
CAS Registry Number:	51 - 03 - 6
Proportion:	125 g/L

Active Ingredient 2:	Permethrin
Chemical Name:	3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester.
CAS Registry Number:	52645 - 53 - 1
Proportion:	25 g/L

Active Ingredient 3:	Methoprene
Chemical Name:	(E,E)-11-Methoxy-3,7,11-trimethyl-2,4-dodecadienoic acid 1-methylethyl ester.
CAS Registry Number:	40596-69-8
Proportion:	400 mg/L

SECTION II - PHYSICAL DATA

Appearance:	Translucent liquid.
Colour:	Light honey colour.
Odour:	Fine lemon.
pH:	5.50 – 6.80
Stability:	Stable.
Specific gravity:	0.70 – 0.90.
Solubility:	Completely miscible with water.

SECTION III - HAZARDOUS INGREDIENTS

Avian Insect Liquidator contains no ingredients considered to be hazardous by Worksafe Australia.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability or explosion limits:	Avian Insect Liquidator is flammable.
Extinguishing media:	Dry chemical, CO ₂ , water spray or alcohol foam.
Special fire fighting procedures:	Move container from fire area if possible without risk. Wear self-contained breathing apparatus and full protective clothing.
Unusual fire and explosion hazards:	Not determined.

SECTION V - REACTIVITY DATA

Conditions to avoid:	Avoid contact with naked flame.
Incompatibility:	Contact of Avian Insect Liquidator with strong oxidisers, peroxides, strong alkalis and strong acids may cause fires and explosions.
Hazardous decomposition products:	Carbon monoxide.
Hazardous polymerisation:	Not determined.

SECTION VI - HEALTH HAZARD DATA

OSHA Permissible:	None established.
Engineering controls:	Provide adequate ventilation.
Signs and symptoms of overexposure:	Acute: <u>Ingestion:</u> If swallowed, may cause dizziness, headache, confusion and loss of consciousness. <u>Eyes:</u> May be irritating to eyes. <u>Skin:</u> No significant effect. <u>Inhalation:</u> Overexposure to vapour may cause dizziness, headache, confusion and loss of consciousness. Chronic: No reports available for prolonged exposure.
Medical condition generally aggravated by exposure:	None established.
Primary route of exposure and emergency / first aid procedures:	<u>Eyes:</u> May be irritating - remove excess material from around eyes. Irrigate eyes with water for 15 minutes. Consult physician if irritation persists. <u>Inhalation:</u> If overexposed, move the person to fresh air and seek medical attention if required. <u>Ingestion:</u> In the event of ingestion induce vomiting preferably with Ipecac syrup. <u>Skin:</u> Wash skin with soap and water.

SECTION VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

Precautions to be taken in handling and storage:	Avian Insect Liquidator should be stored in areas free of ignition sources. No specific transportation procedures are determined when transporting less than 5 litres of concentrate.
Steps to be taken in case of spillage:	Soak up with an absorbent non-combustible material, place in a suitable container and properly dispose of.
Waste disposal methods:	Place in a suitable container and dispose of via landfill. This material should not be allowed access to drains or water courses.

SECTION VIII - SPECIAL PROTECTION INFORMATION FOR SAFE HANDLING

Protective clothing:	Depending on level of exposure. Plastic apron and rubber boots are recommended for heavy exposure.
Eye protection:	For splash, spray or mist exposure, wear protective goggles or a face shield.
Respiratory protection:	Use full face respirator if available.
Other protective clothing or equipment:	None established.
First-aid facilities:	Eye wash station.
Advice to doctor:	Treat symptomatically. Product considered non-toxic.

OTHER INFORMATION

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