

Product Name: David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate  
APVMA Approval No: 86487/115882



Label Name:	David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT:: 89 g/L D-PHENOTHRIN ACTIVE CONSTITUENT: 89 g/L PIPERONYL BUTOXIDE SOLVENT: 700 g/L HYDROCARBON
Mode of Action:	GROUP 3A INSECTICIDE
Statement of Claims:	For outdoor control of mosquitos in residential areas, picnic areas, sports grounds, recreation areas, golf courses and for use in mosquito eradication campaigns.
Net Contents:	5L Nett 10L Nett 20L Nett
Restrains:	RESTRAINTS: DO NOT use in or around food producing crops or animals DO NOT dilute this product in water.
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	

Trade Advice:	
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General Instructions:	<p><b>MIXING AND EQUIPMENT:</b>  David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate can be used diluted or undiluted. David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate cannot be diluted with water. The concentrate may be diluted with a suitable solvent such as mineral oil and applied as long as 45 ml/ha of concentrate is not exceeded.</p> <p>David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate may be sprayed with cold aerosol generating ULV equipment, into the air or onto infested areas. Repeat when necessary, as determined by management practices and environment conditions.</p> <p><b>SPECIAL APPLICATION INSTRUCTIONS:</b>  Application of David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate should be limited to times where the prevailing weather conditions are likely to prevent spray drift. Diluted David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate should be applied uniformly using calibrated conventional ground-based or hand application equipment. These include thermal fogging equipment, cold aerosol generating ULV equipment, hand-held or knapsack sprayers. Applications should be in response to high target insect numbers, disease risk and pro-active pest management. Apply at time of day when target species is most active and weather conditions are conducive to keeping the fog close to the ground, i.e. Cool temperatures and wind speed not more than 16 km/h and not less than 5 km/h.</p>
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Resistance Warning:	<p><b>Insecticide Resistance Warning:</b></p> <p><b>GROUP 3A INSECTICIDE</b></p> <p>For insecticide resistance management, David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate is a Group 3A Insecticide.</p> <p>Some naturally occurring insect biotypes resistant to David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individual can eventually dominate the insect population if David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate or other Group 3A insecticides are used repeatedly. The effectiveness of David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, David Gray &amp; Co. Pty Ltd accepts no liability for any losses that may result from the failure of David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate to control resistant insects.</p> <p>David Grays Thermal Fogging and ULV Mosquito Adulticide Concentrate may be subject to specific resistance management strategies. For further information contact your local supplier or David Gray &amp; Co. Pty Ltd representative.</p>
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Precautions:	
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Protections:	<p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:</b>  Dangerous to fish and aquatic invertebrates. Do not use over or immediately next to any water body. If the latter is required, ensure that the wind will disperse the product away from the water body. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p>
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PROTECTION OF LIVESTOCK:  
Dangerous to bees. DO NOT spray any plants in flower while bees are foraging.

Storage and Disposal:

STORAGE AND DISPOSAL:  
Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Safety Directions:

SAFETY DIRECTIONS:  
Will irritate the eyes and nose and throat. Avoid contact with eyes. Do not inhale spray mist. When using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), a washable hat, and disposable (mist) face mask covering mouth and nose. Wash hands after use. After each day's use wash contaminated clothing.

First Aid Instructions:

FIRST AID:  
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, do NOT induce vomiting.

First Aid Warnings:

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## DIRECTIONS FOR USE

SITUATION	PEST	RATE	CRITICAL COMMENTS
Outdoors, including residential areas, picnic areas, sports ground, recreation areas, golf courses and in mosquito eradication campaigns.	Mosquitos	15 ml / ha 31 ml / ha 45 ml / ha	<p>Using thermal fogging or cold aerosol generating ULV equipment, hand-held or knapsack sprayer, capable of delivering particle sizes less than 20 microns. Spray into air or onto infested area.</p> <p>For best results, apply when pests are active.</p> <p>Use the middle rate (31 ml / ha) when environmental conditions are suboptimal, such as low humidity, high temperature, or moderate vegetation, or high adult mosquito population levels.</p> <p>Use the higer rate (45 ml / ha) when there is dense vegetation or very high adult population levels and/or imminent threat of mosquito vector disease.</p>

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.