

10 reasons to use

DIPTHOR

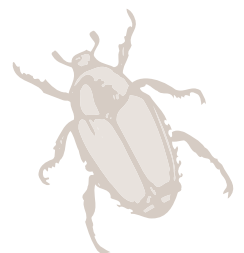
to control Public Health Pests



For FAST action in the knockdown and kill of flying insect pests and cockroaches, Diphthor is simply the best for integrated pest management campaigns.

Benefits

Supplied directly to you by a Research & Development based International company.	This means you are dealing directly with the people who know Diphthor best, so you can be guaranteed to receive the highest standard of support and care.
Extremely rapid knockdown and control of flying insect pests and cockroaches.	To give you a better result and fewer call-backs.
Packaged in easy pour, fluorinated, plastic containers.	This make it more convenient to use Diphthor and enables you to measure required volumes more easily without spillage.
Highly active pyrethroid.	This ensures low application rates, minimal risk and highly successful control programs.
Ensystem's global chemistry development laboratory is located in Australia together with the largest support team in the pest management industry.	This means you are always sure of quality, local technical support for your usage of Diphthor.
Label worded to allow for flexible application rates.	This puts you in total control and ensures Diphthor provides you with optimal levels of control in all types of application equipment, from ULV to thermal fogging to hand spray.
Scientifically proven and developed for use throughout Australia and SE Asia.	Diphthor has been independently tested by the University of Technology, Sydney to give you the confidence you need for large public health control programs.
Approved for use indoors and outdoors, around refuse tips, agricultural buildings, etc.	Diphthor is designed for use in applications in public health pest management programs, defence force programs and in the private sector. Wherever the pests are a problem, Diphthor is available.
Rapidly metabolised in plants and mammals.	Making it safe to use in even sensitive environments.
High performance - Guaranteed.	So you can feel totally confident that you have a global, research based company standing beside you should any challenges arise.



Your Ensystex Guarantee

If Diphthor fails to meet or exceed your expectations, return the unused portion of the container, at our expense, and we will issue you with a full refund.

If you have a challenging situation, Ensystex guarantees to investigate the matter with you and, where required, send one of our trained technical support specialists to visit the site with you.

Diphthor is manufactured to the highest standards of quality. All ingredients and batches are tested to guarantee you a reliable, superior quality product.

Diphthor is guaranteed to give you the best possible performance in the field.

Diphthor always uses the highest quality materials to ensure optimal efficacy and safety.

Diphthor Product Details

Active Ingredient: 25g/L cypermethrin.

Insecticide Group: Pyrethroid - This means it's modelled on natural pyrethrins, from the pyrethrum daisy.

Formulation Type: Oil-based ULV Space Spray.

Pests Controlled: Cockroaches, flies, biting midges and mosquitos.

Safety

Since Diphthor is a pyrethroid insecticide it displays relatively low levels of mammalian and avian (bird) toxicity. As with all pyrethroids it is toxic to fish and must be kept out of waterways, dams, streams, etc.

Performance

Diphthor is designed to be used at significantly lower levels of active ingredient than other competing products; and still provide optimum control. This is due to the high potency of the active ingredient used in Diphthor. This means your public health pest management programs are much more cost effective when you use Diphthor and....

It means reduced insecticide load in the environment.


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Summary of Product Usage Rates (Please refer to registered label for full details)

SITUATION	PEST	RATE	CRITICAL COMMENTS
Warehouses, Factories, Kitchens, Industrial Buildings, Domestic Residences	Mosquitoes, biting midges, flies, cockroaches (adults only)	20 to 30 mL per 1000 m ³ applied in a suitable oil-based diluent	Use thermal fogging or cold aerosol generating ULV equipment or hand held knapsack sprayer, spray into the air or onto surfaces used as harbourages by the target pests. For best results apply when pests are active. Use the higher rate when environmental conditions are suboptimal, such as low humidity, high temperature, lack of breeze or dense vegetation.
Outdoor areas including refuse tips, picnic areas, sports grounds, recreation areas, reserves, vector control and biting midge programs.		200 to 300 mL/ha applied neat or in a suitable oil based diluent	Midges- for effective control, Diphthor ULV must be mixed with a suitable oil based diluent such as DC Tron and not applied neat. Repeat when necessary as determined by management practices and environmental conditions.

N.B. This table has been included for reference only. You must always refer to the actual product label in its entirety prior to use of Diphthor ULV Insecticide.

Percent Mortality			
Time	German cockroach <i>Blatella germanica</i>	Brown house mosquito <i>Culex quinquefasciatus</i>	Dengue mosquito <i>Aedes aegypti</i>
30 min	80%	100%	100%
2 hrs	100%	100%	100%
4 hrs	100%	100%	100%
24 hrs	100%	100%	100%

Results from trials conducted by the University of Technology, Sydney using the lowest label application rate, i.e. 20mL Diphthor per 1000m³ or 200mL per hectare.

WHO trials have shown cypermethrin to be one of the most effective pyrethroids for the knockdown of adult mosquitos.



Support Materials Available for You

Ensystem has technical support personnel located in all States of Australia.
AQIS Approval.
MSDS produced to latest international standards.

Ensystem is dedicated to the supply of superior products to professional pest managers. As a research-based international company, Ensystem believes customer service is best developed by dealing directly with client pest managers.

Ensystem has research facilities in North Carolina, USA, and Melbourne, Australia. The Australian laboratories are a lead facility in the development of new chemicals on a global basis.

Ensystem has a background of over 75 years in pest management and a global team of dedicated pest management professionals. As a sister company to one of the largest pest control companies in the United States; Ensystem was founded to change the landscape of the pest control industry. To our knowledge, our effort represents the first time that pest control operators have ever started a global chemical company intent on developing and marketing professional products.

Further evidence of the Ensystem commitment is displayed through the team of dedicated professionals employed in Australia. We are there to assist you - ALWAYS. Plus you have the support of our Australian laboratory complex.

Our dedicated team are here to assist you in every aspect of your business.

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