



# CYPERTHOR

## A POWERFUL ALTERNATIVE

**The high performance, quality insecticide that combines the powerful residual action of an alternative pyrethroid active!**

Withstands degradation by sunlight, heat & once dry is unaffected by rain.	To give you a better result and fewer call-backs.
Manufactured to the highest quality standards with all ingredients and batches assayed for quality.	To give you guaranteed reliability and a superior quality product.
Highest quality micro-fine suspension formulation.	This ensures Cyperthor stays in suspension in your tank longer to give you optimal results. More importantly it ensures the particles of alpha-cypermethrin penetrate the insect cuticle more effectively resulting in faster control.
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 Cyperthor.
High quality water-based suspension concentrate.	To give you improved residual performance and no visible residues.
No hydrocarbon solvents.	Which means no worries about staining, no odour and no damage to your equipment, seals & pumps.
Approved for use indoors and outdoors, in food handling premises, hospitals, etc.	To give you maximum flexibility in your use of Cyperthor.
Rapidly metabolised in plants and mammals.	Making it safe to use in even the most 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.
Supplied directly to you by a Research & Development based International company.	This means you are dealing directly with the people who know Cyperthor best, so you can be guaranteed to receive the highest standard of support and care.

### YOUR ENSYSTEX GUARANTEE

If Cyperthor 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, Ensystem guarantees to investigate the matter with you and, where required, send one of our trained technical support specialists to visit the site with you. Cyperthor is manufactured to the highest standards of quality. All ingredients and batches are tested to guarantee you a reliable, superior quality product. Cyperthor is guaranteed to perform and always uses the highest quality materials to ensure optimal efficacy and safety.

### CYPERTHOR PRODUCT DETAILS

Active Ingredient:	50g/L $\alpha$ -cypermethrin.
Insecticide Group:	Pyrethroid - This means it's modelled on natural pyrethrins, from the pyrethrum daisy.
Formulation Type:	Suspension Concentrate.
Pests Controlled:	Cockroaches, spiders, ants, flies, fleas, silverfish.

## SAFETY

Since Cyperthor 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.

Cyperthor is an aqueous (water-based) suspension concentrate. With suspension concentrates particle size is critically important. If the particles are too large the product will leave unsightly residues, if too small they will sink into porous surfaces. For this reason Ensystem uses a custom-built, highly refined double milling process to ensure a micro-fine particle size. These micro-fine particles are then more easily picked up by the insects, yet they will remain on porous surfaces to give you improved residual performance on even the most difficult surfaces such as concrete.

Ensystem then uses a sophisticated suspension system to suspend the particles in the water-based formulation and protect it from degradation and microbial / fungal attack. This ensures that the  $\alpha$ -cypermethrin in Cyperthor remains suspended in your spray tank so whenever you spray you are placing the optimal amount of  $\alpha$ -cypermethrin onto your treated surface. (Of course you should always agitate your spray mix prior to commencing a treatment program.) Since Cyperthor is water-based and contains only the purest ingredients, you can be sure it will not cause staining, unless water alone would cause an issue.

And of course Cyperthor comes with a written Quality Performance and Support Guarantee from Ensystem, your contractual agreement from Ensystem that we will be there to support you - ALWAYS!

## PERFORMANCE

Cyperthor contains  $\alpha$ -cypermethrin which offers you an alternative pyrethroid formulation for use in your accounts. Different chemical isomers perform differently, and the blend in Cyperthor is designed to give you premium performance.

## SUPPORT MATERIALS AVAILABLE FOR YOU

Ensystem has technical support personnel located in all States of Australia.

MSDS produced to latest international standards.

AQIS Approval.

## SUMMARY OF CYPERTHOR USAGE RATES

SITUATION	PESTS	RATE	CRITICAL COMMENTS
Domestic, Public, Commercial & Industrial areas.	Cockroaches, Flies, Spiders, Ants, Silverfish	<b>Initial treatment</b> 120-200 mL/ 10 L  <b>Maintenance treatment</b> 60-100 mL/ 10L	Apply as a coarse low-pressure spray to areas where pests hide, frequent and rest. Spray to the point of run-off using around 5 L of spray mixture per 100 m <sup>2</sup> and ensuring thorough coverage of the treated surfaces. Where indicated, use the higher rate in situations where pest pressure is severe, and where rapid knockdown and/or maximum residual protection is desired. Pay particular attention to protected dark areas such as cracks and crevices, behind and under sinks, stoves, refrigerators, furniture, pipes & other known hiding or nesting places.
	Fleas	<b>Initial treatment</b> 200 mL/ 10 L  <b>Maintenance treatment</b> 100 mL/ 10L	<b>Flea Treatment:</b>  Use the initial treatment rate for rapid knockdown and maximum residual protection and if necessary, repeat treatment using the maintenance rate at 12 weekly intervals to prevent reinfestation.

## ABOUT ENSYSTEX AUSTRALASIA

Ensystem researches, develops, formulates, manufactures and supplies premium quality, environmentally responsible, urban pest management solutions for use by professional pest managers; and has achieved a high international reputation for these products.

Unlike other companies where urban pest control is a spin-off from their more lucrative agricultural business; Ensystem is focused on the urban pest management market with its uniquely different profile. Ensystem's vision is to be the 'first choice for environmentally responsible, effective, long-term pest management solutions'.

Ensystem is a privately owned company, dedicated to the supply of superior products to professional pest managers. As a research-based international company Ensystem has active ingredient synthesis and product formulation facilities in 14 different locations; two in the USA, two in Australia, one in Thailand, seven in China, one in Germany, and one in Russia. Research facilities are located in North Carolina, USA; and in Victoria and NSW in Australia.

Further evidence of the Ensystem commitment is displayed through the team of dedicated professionals employed in Australia. Ensystem now has the largest technical sales support team of any research-based company in Australia. We are there to assist you should problems ever arise. Ensystem has eleven specialists in the field, with people located right around Australia, all qualified pest management professionals. Plus you have the support of our Australian laboratory complex for soil testing, chemical analysis, etc.

Ensystem develops and owns all its own formulations, performs QA and batch analysis checks on all batches of chemicals and guarantees the consistent quality of all materials sold. Ensystem is a true specialist in professional pest management for the urban environment.

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



**Ensystem Australasia Pty Ltd**

ABN: 53 102 221 965

Unit 3, Junction Estate, 4 - 6 Junction Street

Auburn, NSW, 2144

Phone: 13 35 36

Fax: 02 9647 2189

Web: [www.ensystem.com.au](http://www.ensystem.com.au)

Email: [info@ensystem.com.au](mailto:info@ensystem.com.au)