



# MAXXTHOR

THE UNIQUE SOLUTION FOR ALL YOUR PEST CONTROL NEEDS

**Indoors and outdoors. General pest control and termite work. Powerful performance, odourless, professional strength, water-based and long-term residual.**

A unique, water-based formulation containing 100g/L bifenthrin that is priced to perform.	This gives you premium quality at a price you can truly afford.
Maxxthor is labelled for the long-term control of a wide range of pests including urban insect pests, vectors, spiders, ticks, turf insects and termites.	So when you carry Maxxthor with you it is a total solution for all your pest control needs.
Maxxthor Mosquito Protection Zone.	A Special program providing your clients with up to eight weeks of freedom from mosquitoes and other biting insects.
Odourless.	No need to worry about smells. Since this is a water-based product it is gentle on the nose.
Water-based.	No staining, no corrosion of your equipment.
Suspension concentrate formulation.	This gives you the longest range of residual action on a wide range of surfaces. Unlike emulsion concentrates it doesn't seep into the surface.
Micro-fine particle size produced by a premium double milling process.	With a particle size down to less than 3 microns you can be sure it will not be visible on surfaces after application. Moreover you can be sure of its penetration through the soil. And for general pest control work this means faster and better penetration through the insects cuticle meaning faster knockdown and more rapid killing effects.
Tested in Australia soils and through reticulation systems.	Since Maxxthor was the primary registrant we had to provide its performance in a wide range of soils. So you can be sure it offers the best quality termite barrier possible.
Highest quality micro-fine suspension.	So you can be certain it will remain in suspension longer in your spray tank.
Withstands degradation by sunlight, rain and heat.	So you have fewer call backs.
Safe to plants and rapidly metabolised by plants and animals.	In fact Maxxthor is designed for direct application to foliage. And the active ingredient is in widespread use on a wide range of food crops.
Approved for use indoors and outdoors, in the most sensitive areas.	So you can take it anywhere with you.
No hydrocarbon solvents.	So you have no worries about staining, odours, or equipment corrosion.
Approved for both pre-construction and post-construction termite management.	A total termite solution.
Long term residual.	There is no product on the market with a longer label claim for termite management. Maxxthor claims protection for ten years or more.
Supplied in fluorinated white plastic containers.	This prevents the bifenthrin bleeding through the pack leading to the pack distorting over time and the bifenthrin leaching out.
Supplied directly to you by a Research & Development based International company.	This means you are dealing directly with the people who can support you the best, so you are guaranteed to receive the highest standard of support and care.
Manufactured to the highest quality standards with all ingredients and batches assayed for quality.	To give you guaranteed reliability and a superior quality product.
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 Maxxthor fails to meet or exceed your expectations, return the unused portion, 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.

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

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

## MAXXTHOR PRODUCT DETAILS

Active Ingredient:	100g/L bifenthrin
Insecticide Group:	Pyrethroid
Formulation Type:	Micro-fine Suspension Concentrate (Water-based)

Maxxthor is a high-performance, long-lasting insecticide that provides control of a wide range of insect pests when applied in accord with the registered product label. For termite management no termiticide has a longer residual claim than Maxxthor. Maxxthor is a pyrethroid insecticide. This means it is modelled on pyrethrum, a natural extract of the pyrethrum daisy. Maxxthor was developed and formulated specifically for professional pest management treatments.

## PERFORMANCE

Maxxthor contains bifenthrin, the unique structure of which makes it arguably the most broad spectrum of all the residual pyrethroids with a particularly powerful profile against spiders and most mosquitos.

Maxxthor is a micro-fine suspension concentrate. With suspension concentrates particle size is critically important. If the particles are too large they will leave unsightly residues and won't fully penetrate the soil. If they are too small they will sink into porous surfaces and not be available for pick-up by the insects. 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. Moreover they will penetrate the soil better.

Ensystem also uses a sophisticated suspension system to suspend the bifenthrin particles in the formulation and protect from degradation and microbial / fungal attack. This ensures that the bifenthrin in Maxxthor remains suspended in your spray tank so whenever you spray you are placing the optimal amount of bifenthrin onto your treated surface. (Of course you should always agitate your spray mix prior to commencing a treatment program.) Since Maxxthor 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 Maxxthor 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!

## SAFETY

Since Maxxthor is a pyrethroid insecticide it displays relatively low levels of mammalian and avian (bird) toxicity.

## SUPPORT MATERIALS AVAILABLE FOR YOU

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

Colour Brochure.

Meter Box stickers for AS 3660 compliance.

MSDS produced to latest international standards.

AQIS Approval.

## SUMMARY OF PRODUCT USAGE RATES (Refer to Product label for full details)

SITUATION	PESTS	STATE	RATE	CRITICAL COMMENTS
Spiders	Internal & external areas & surrounds of Domestic, Commercial, Public and Industrial buildings & structures	All States	25-50mL/10L	<p>Use the higher rate in situations where pest pressure is high, when rapid knockdown and/or maximum residual protection is desired. Pay particular attention to dark areas such as cracks and crevices, under floors, eaves and other known hiding or resting-places.</p> <p>For crack and crevice treatments use an appropriate solid stream nozzle. As a surface spray; apply a coarse, low-pressure spray to areas where spiders hide, frequent and rest. Spray to the point of run-off using around 5 L of spray per 100 m<sup>2</sup> ensuring thorough coverage of the treated surfaces.</p> <p>For maximum spider protection use a two-part treatment.</p> <ol style="list-style-type: none"> <li>1. Treatment of cracks and crevices</li> <li>2. Overall surface spray</li> </ol>
Papernest Wasps	Internal & external areas & surrounds of Domestic, Commercial, Public and Industrial buildings & structures	All States	50mL/10L	<p>Apply prepared emulsion to the point of run-off directly to the papernest ensuring thorough and even coverage.</p> <p>When all adult wasps have been knocked down the rest may be safely removed from the structure.</p>
Ants (excluding Red Imported Fire Ants), Cockroaches, Mosquitoes, Fleas, Flies, Ticks (excluding the paralysis tick Ixodes holocyclus) – (Adults & Nymphs)	Internal & external areas & surrounds of Domestic, Commercial, Public and Industrial buildings & structures	All States	50-100mL/10L	<p>Use the higher rate in situations where pest pressure is high, when rapid knockdown and maximum residual protection is desired. The lower rate may be used for follow-up treatments.</p> <p>Non-porous surfaces: Apply as a coarse spray at the rate of 1 L of emulsion per 20 m<sup>2</sup>. When treating non-porous surfaces, do not exceed the point of run-off.</p> <p>Porous surfaces or for use through power equipment: Spray at the rate of 1 L of emulsion per 10 m<sup>2</sup>. When treating porous surfaces, do not exceed the point of run-off.</p> <p>Ants: To control ants apply to trails and nests. Repeat as necessary.</p> <p>Fleas and Ticks: To control fleas and ticks apply prepared emulsion to outside surfaces of buildings and surrounds including but not limited to long grasses, shrubs, scrub vegetation, soil, turf, trunks of woody ornamentals, foundations, verandas, window frames, eaves, patios, garages, pet housing, or other areas where pests congregate or have been seen.</p> <p>Flies and Mosquitoes: To control flies and mosquitoes apply prepared emulsion to surfaces where insects rest or harbour. Reapply as necessary.</p> <p>Perimeter Treatments: Apply the prepared emulsion to a band of soil or vegetation 2 to 3 metres wide around and adjacent to the structure. Also treat the foundation of the structure to a height of approximately 1 metre. Use a spray volume of 5 to 10 L per 100 m<sup>2</sup>. Higher volumes of water may be needed if organic matter is present or foliage is dense.</p>
Subterranean Termites	Domestic, Public, Commercial & Industrial areas	All States except TAS	Refer to Table A	Refer to Table B

## SUMMARY OF PRODUCT USAGE RATES (Refer to Product label for full details)

SITUATIONS	ALL AREAS SOUTH OF THE TROPIC OF CAPRICORN (EXCEPT TAS)		ALL AREAS NORTH OF THE TROPIC OF CAPRICORN	
	RATE	POTENTIAL PROTECTION	RATE	POTENTIAL PROTECTION
<b>Pre-construction Barriers</b> Under slabs and under suspended floors with less than 400 mm crawl space.	1L/100L	At least 10 years	1.5L/100L 1L/100L	5 years 4 years
	500mL/100L	10 years	750mL/100L	3 years
			500mL/100L	2 years
<b>Perimeter Barriers</b> For new and existing buildings			1.5L/100L	5 years
	1L/100L	At least 10 years	1L/100L	4 years
	500mL/100L	10 years	750mL/100L	3 years
	250mL/100L	3 years	500mL/100L	2 years
<b>Post-Construction Barriers</b> Under slabs and under suspended floors with less than 400 mm crawl space	1L/100L	At least 10 years	1.5L/100L	5 years
			1L/100L	4 years
	500mL/100L	10 years	750mL/100L	3 years
			500mL/100L	2 years
<b>Reticulation Systems</b> Perimeter and/or service penetration treatment only			1.5L/100L	5 years
	1L/100L	At least 10 years	1L/100L	4 years
	500mL/100L	10 years	750mL/100L	3 years
	250mL/100L	3 years	500mL/100L	2 years
<b>Reticulation Systems</b> Cavity infill & footing barriers	500mL/100L	5 years	1L/100L	2 years
<b>Protection of Poles &amp; Fence Posts</b>	500mL/100L	10 years	1.5L/100L	5 years
			1L/100L	4 years
			750mL/100L	3 years
<b>Nest Eradication</b>	500mL/100L	Not Applicable	500mL/100L	Not Applicable

## 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

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