

SUNDEW
PEST MANAGEMENT PROFESSIONAL
PRODUCT BULLETIN

MAXUM PRO[®] 125 SC Professional Insecticide

The **great**
all-rounder!

(With NEW & improved beta cyfluthrin formula)



MaxumPRO[®] is effective against just about every general pest control problem - indoors and out. MaxumPRO[®] has an effective flushing action, good knockdown properties, and a long-lasting residual life.

MAXUM PRO®

125 SC INSECTICIDE

125 SC Professional Insecticide

MaxumPRO® 125 SC Professional Insecticide is an essential

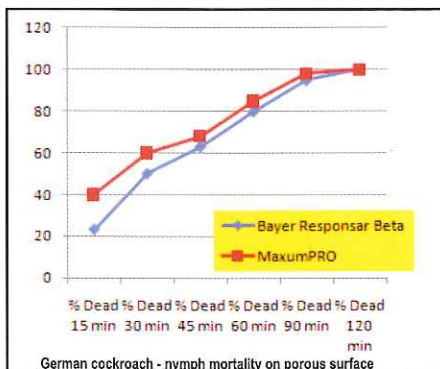
MaxumPRO® 125 SC Concentrate Insecticide - the GREAT allrounder

MaxumPRO® 125 SC is available in a user friendly pack.

MaxumPRO® is the pest managers all-rounder because it is effective against many pests, it has an effective flushing action, good knockdown properties and a long-lasting residual life.

It is stable in sunlight, high temperatures and on alkaline surfaces. It can be used both indoors and outdoors; in domestic, industrial, commercial and government premises.

MaxumPRO® offers the pest management professional a very sensible and reliable tool without endangering the well being of the clients, their pets and their properties. This makes MaxumPRO® the pest manager's all-rounder!



Physical Properties

The active ingredient of MaxumPRO® is Beta-cyfluthrin. MaxumPRO® is odourless and

Can be used indoors and outdoors.

One 500 mL container makes up to 250 L of solution.

Is stable in sunlight, alkaline conditions and in high temperatures.

Is virtually insoluble in water and binds to organic matter in the soil.

Robust suspension concentrate.

Low mammalian toxicity.

Highly concentrated.



Highly purified active ingredient.

Long residual activity.

No odour.

Good flushing action.

Non-flammable.

Effective against most domestic and commercial pests.

No stains or visible residues.

Easy to measure dosing pack.

No storage or transportation problems.

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Formulation

Why a suspension concentrate?

MaxumPRO® 125 SC is formulated as a suspension concentrate. Therefore it has the good handling properties of an EC and the biological activity of a WP formulation. It is water-based and non-flammable. MaxumPRO® SC is not classified as dangerous goods with the respect to transport and storage. There is no smell. The active material remains on the treated surface and is readily available to be picked up by pests.

A little bit goes a long way

MaxumPRO® SC is a concentrated 12.5% formulation. One 500 mL container makes up to 250 litres of solution. This makes it much more

economical than other pyrethroid sprays.

Easy to measure

The 500 mL plastic bottle comes with a twin neck measure chamber to allow simple and accurate dosing, even with gloves on.

MaxumPRO® Safety and the Environment

Toxicity

The acute toxicity data for the formulation are:-

Oral LD ₅₀ rat	776-941 mg/kg
Dermal LD ₅₀ rat	>5000 mg/kg
Inhalation LD ₅₀ rat	>1761 mg/m ³

These figures are lower than for other pyrethroid SC's because MaxumPRO® SC is so much more concentrated. However, once diluted in water, the toxicity of the spray solution is similar to that of other pyrethroid SC products.

essential part of every Modern Pest Manager's toolkit.

Avoid Skin contact

Transient irritation of the skin of the mucous membranes may occasionally occur on contact with the spray or the concentrate. To minimise contact with spray mist use a lower pressure setting on your hand sprayer. Gloves and a face shield should be worn when preparing the spray. After each day's use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

Low toxicity to mammals and birds

MaxumPRO® SC has a relatively low toxicity for mammals and birds and is rapidly excreted if ingested. Beta-cyfluthrin like other pyrethroids is toxic to fish and aquatic invertebrates. Air filter pumps must be switched off. Do not pollute waters with empty containers or surplus spray.

Beta-cyfluthrin is toxic to bees. Earthworms are unaffected at recommended rates.

MaxumPRO® Biological Properties

Effectiveness at very low doses

MaxumPRO® SC is highly active and will control the broad spectrum of public health pests at very low rates. It acts mostly as a contact insecticide but also has stomach poison activity. It penetrates waxy insect cuticle very rapidly, resulting in a quick knockdown of the pest.

Modern flushing action

MaxumPRO® SC will flush pests out of their hiding places making the infestation very visible. This serves to impress the client about the size of the problem and helps PCO's locate cockroach harbourages.

Effective against pests

MaxumPRO® SC is registered and effective against cockroaches, spiders, ants, fleas, flies, silverfish, clothes moths, carpet beetles, bed bugs, mosquitoes and stored product pests.

Long residual life

The hardest pest to control is the German cockroach. Independent field trials have shown excellent results with over 90% control even after 18 weeks.

The great all-rounder

MaxumPRO® SC is effective against just about every general pest control problem and can be mixed in the sprayer for the whole day's work. This reduces mixing time and any spray mix left over can be used on the next job.

MaxumPRO® SC can be used in all types of accounts, from domestic to commercial, indoors and outdoors, so on many days a pest management professional will not need any other insecticide spray. This makes MaxumPRO® SC the professional pest managers GREAT ALL-ROUNDER.

Product Specifications

Product name:

MaxumPRO® SC Insecticide

Active Ingredient:

Beta-cyfluthrin

Concentration: 125 g/L

Formulation Type:

Suspension Concentrate

Chemical Compound:

Synthetic-pyrethroid

Scheduling: S6 (Poison)

Packaging:

500 mL twin necked plastic bottle with measuring chamber

Distribution:

Available through specialist PCO distributors

Special Features

- Highly purified active ingredient
- Robust suspension concentration formulation
- Low mammalian toxicity
- Highly concentrated
- 500 mL bottle makes up to 250 litres of solution
- Easy to measure dosing pack
- No storage or transport problems
- No stains or visible residues
- No odour
- Can be used indoors and outdoors
- Long residual activity
- Non-flammable
- Stable in sunlight and on alkaline surfaces
- Effective against most domestic and commercial pests
- **Carries the Sundew unconditional replacement guarantee if the product shows any sedimentation.**

MAXUM PRO[®]

125 SC INSECTICIDE

125 SC Professional Insecticide

MaxumPRO[®] 125 SC Professional Insecticide is an essential part of every Pest Manager's toolkit.

DIRECTIONS FOR USE

SITUATION	RATE	PEST	CRITICAL COMMENTS
Mealworks (non-product areas), farm buildings, food processing establishments, shops, offices, factories, storerooms, hospitals, schools, barracks, houses, ships, rubbish tips	Initial or cleanout rate 4 mL/L Maintenance rate or when used as a tank mix with a larvicide 2 mL/L		On non-porous surfaces, apply at a rate of 5 L of prepared spray per 100 m ² not exceeding the point of run-off. On porous surfaces or for use through power equipment, apply at a rate of 10 L of prepared spray per 100 m ² not exceeding the point of run-off.
		Cockroaches	Conduct a thorough inspection and apply spray to known and potential cockroach harbourages. A barrier spray around areas where cockroach infestations may be originating is also suggested. Repeat application as required. Where application of a spray is not suitable, it is recommended that a registered cockroach gel be used.
		Web spinning spiders	Spray spiders, their webbing and areas where spiders may hide. Leave webbing in place for a few days to optimise efficacy.
		Non-web spinning spiders	Spray areas where spiders are known to occur.
		Ants	Where possible, locate the nest and spray directly into nest entrances. Penetration of insecticide can be assisted by pre-wetting sandy and porous soils with water. A thorough soaking treatment with insecticide mixture is required to destroy the nest. If nest cannot be located then spray infested areas.
		Fleas	Clean or vacuum infested areas and dispose of the collected dust in the garbage in a sealed plastic bag. Lightly spray all infested areas concentrating under furniture, etc. Treat pets with a registered flea control product. See note on application to carpets.
		Flies and mosquitoes	Spray surfaces where flies and mosquitoes are known to come to rest. Flies – include external surfaces that are exposed to the morning sun. Mosquitoes – spray walls, awnings, fences and vegetated areas near buildings. Note: the perception of the level of control of flying insects achieved within any given area treated with a residual surface spray will be affected by the extent of migration of individuals from external untreated areas. A residual spray will only control those insects that alight on the treated surfaces and therefore complete elimination of flying insects from the treated area should not necessarily always be expected.
		Silverfish	Spray areas of potential and existing infestations eg under skirting boards and furniture where dark conditions may favour silverfish populations. If spraying inside cupboards or storage areas, remove clothing and utensils, etc before spraying.
		Clothes moths	Spray surfaces in areas where clothes are stored. DO NOT spray the clothes.
		Carpet beetles	Apply to infested carpets, particularly in areas of little or no traffic and underneath windows where adult beetles may be entering the building. See note on application to carpets.
Bed bugs	Apply to the bed frame and walls, cracks, crevices and skirting boards in the vicinity of the bed.		
Stored product pests	The use of this product for the control of stored product pests should be considered part of an integrated strategy to prevent development of insect populations. Best results will be obtained where good hygiene is maintained. Infested areas should be cleaned prior to application and regularly cleaned thereafter to reduce food sources for pests. When treating for beetle pests, pay special attention to sheltered areas such as cracks and crevices, under furniture and equipment, floors, walls and shelves. Adult moths can be controlled by spraying walls and surfaces where the flying moths come to rest.		
Rubbish tips	Knockdown spray 1 mL/2 L	Flies	Spray surfaces of rubbish. Apply 200-300 mL of spray/m ² .
Poultry sheds	80 mL/50 L water	Litter beetle	Apply 1 L of spray mix per 10 m ² of surface. Treat when litter is being totally replaced. Remove all old litter from shed. Apply to shed walls, ceiling and floor. Do not replace litter until shed is thoroughly dry.



MaxumPRO[®] carries the Sundew unconditional replacement guarantee if the product shows any sedimentation in its original container.

Superior formulation, superior results!

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1800 SUNDEW

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INNOVATIVE SOLUTIONS