

NEW PRODUCT



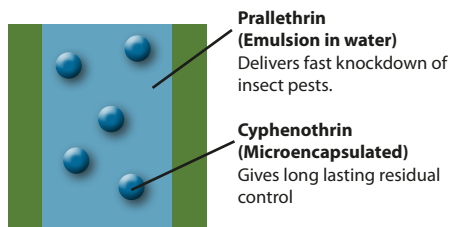
Mostyn Duo CS

Broad-spectrum insecticide with remarkable killing power, excellent flushing out and knock down action, with good residual activity. Controls flying and crawling insects.

Cyphenothrin 10.7% w/w and prallethrin 1.1% w/w

What is Mostyn Duo CS?

Mostyn Duo offers quick and long lasting control against a wide range of flying and crawling insects. A highly specialised combination of microencapsulation and emulsion-in-water technology, the active ingredients offer dual control. When sprayed, prallethrin (EW) delivers a fast knockdown and flushing effect, while the microencapsulated cyphenothrin gives long lasting residual control. As well as being ideal for use in a variety of environments, Mostyn Duo can also be used against ants and wasps via targeted spraying application.



Benefits of Mostyn Duo

- Broad spectrum insect control
- Enhanced operator safety
- Low mammalian toxicity
- Microencapsulation – ensuring controlled release
- Emulsion in water - gives fast knockdown
- Improved efficacy and longevity in dusty and dirty environments
- Flushing effect

Application Environments

- Domestic/commercial/ industrial/agricultural premises
- Hotels/hospitals/shops/ municipal buildings
- Restaurants/food handling areas
- Dairies/livestock and poultry houses/stables/farm buildings
- Buses/trains/aircraft and other transport
- Refuse tips/refuse storage areas
- Raw material stores, grain mills, empty granaries, other storage areas

Not suitable for direct application to animals.

Active Ingredients:

Cyphenothrin 10.7% w/w and prallethrin 1.1% w/w

Mode of Action:

Cyphenothrin and prallethrin disrupt the nervous system of the target pest via stomach and contact action, causing rapid knockdown and death.

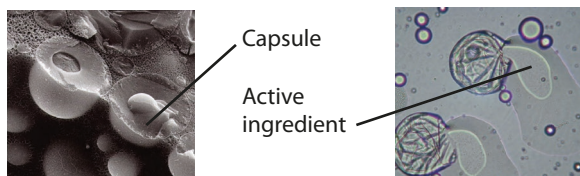
Target Pests

- Ants (adults and nymphs)
- Beetles
- Bed bugs (adults and nymphs)
- Cockroaches (adults and nymphs)
- Darkling beetles (adults and larvae)
- Earwigs
- Fleas
- Flies
- Hornets and Asian hornets
- Moths
- Red mites (adults and nymphs)
- Silverfish
- Wasps

Formulation

What is microencapsulation?

Microencapsulation is the technique of protecting an ingredient inside a polymer membrane. It prevents the total immediate release of actives upon application and it allows prolonged efficacy over a period of time. It also reduces odour and significantly enhances operator safety.



Capsules vary by two factors:

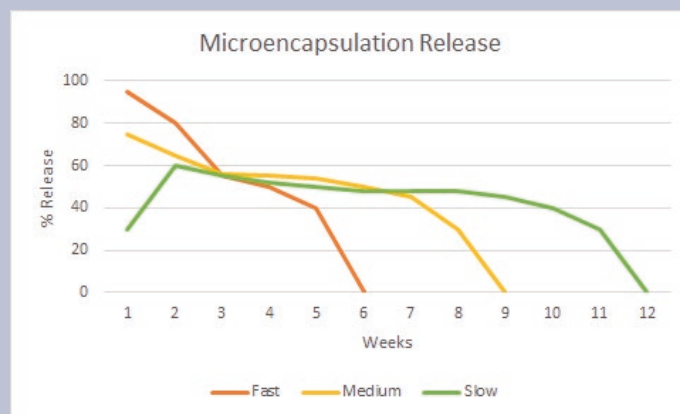
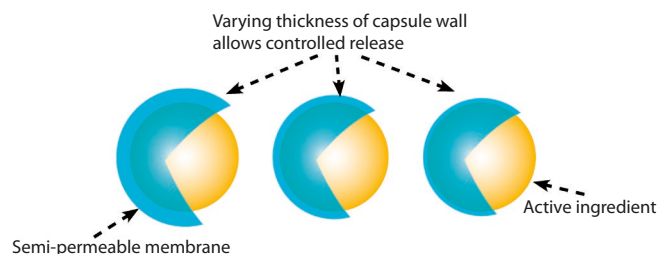
1. Size (ranging from 10 to 110 nanometres)
2. Membrane thickness

How Does Microencapsulation Work?

The varying size and thickness of the capsules allows the active to be released by:

1. Diffusion through the pores in the capsule wall
2. Thinner capsules rupture/break on application, releasing active instantly
3. Thicker capsules break down over time, causing prolonged release of active

Thicker membranes allow for a controlled release, meaning product can remain effective for up to 3 months.





Application Recommendations:

	Mostyn Duo CS	Water ⁺	Surface
Low infestation or application on clean surfaces	75 mL	5 L	100 m ² (50ml/m ²)
High infestation or application on dirty and/or highly absorbent surfaces or floors	100 mL	5 L	100 m ² (50ml/m ²)
Cold Fogging	100 mL	5 L	500 m ³
Hot Fogging	100 mL	-	500 m ³
Ant and wasp nests [*]	1 mL	50 mL	1 m ²

⁺ The required water content may vary depending on surface condition and application equipment.

^{*} Consult label for full usage instructions and precautions.

Hockley International

Permost CS

Contains:
permethrin 25%



Permex 22 E

Contains:
permethrin
12.36%, +
tetramethrin
1.64% + PBO
6.40%



HokoEx

Contains:
cyromazine 2%



Permost Uni Fly Spray

Contains:
permethrin
0.25%
+ tetramethrin
0.1%
+ PBO 0.3%



Mostyn PTP 15 ULV

Contains:
permethrin 25%



Domobios Bed Bug Trap



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