



**HYSOLV®
Ltd.**

International expertise in Biosecurity



CBM8® MV New Active Ingredients!

PRODUCT INFORMATION SHEET

Suitable for use in the following environments:



CBM8 MV – Controls Red Mite For Months!

- ◆ Double Active ingredient – works when others don't
- ◆ Micro-encapsulated for up to 3 month's product release
- ◆ Long product release minimises risk of resistance build-up
- ◆ Contains Type 1 & 2 Pyrethroids effective even where there's resistance to one type
- ◆ Effective against red mite, flies, beetles and other insects
- ◆ 500ml concentrate treats 200 - 500m² (sprayed)
- ◆ 500ml concentrate treats up to 2,500m³ (hot fogged)

CBM8 MV is the cost effective treatment for the control of Red Mite and other flying and crawling insects in animal housing.

ACTIVE INGREDIENTS: 100g/l Cyphenothrin, 10g/l Prallethrin

Applications

CBM8 MV is a long acting acaricide, microencapsulated to give a slow release of Cyphenothrin/Prallethrin up to 3 months in duration. **CBM8 MV** is suitable for use in poultry and pigeon housing, sheep and goat housing, cattle stalls, horse stables, piggeries and farrowing crates.

Effective against

Effective against flying and crawling insects including:

- Mites
- Nuisance flies
- Midges
- litter beetles
- Biting flies
- Beetles
- Grain weevils
- Mosquitoes
- Silverfish

Mode of action

CBM8 MV is microencapsulated and therefore does not have a strong initial "knock-down" effect and it is possible that live red mite might continue to be visible for 2 - 3 days following treatment. However, after this initial period the red mite will be controlled by a continual release of product for up to 3 months.

Understanding and Preventing Pyrethroid Resistance

There is a difference between Type 1 and Type 2 pyrethroids. If mites have become resistant to Type 1, they should still be sensitive to Type 2 and vice-versa. **CBM8 MV** contains both Type 1 and Type 2 pyrethroids and will work even if the mites have become resistant to one these product types.

The main cause of mite resistance build-up and sometimes apparent lack of product efficacy occurs when they are either applied incorrectly, or applied at the wrong concentration. If a product is under-dosed (normally in an attempt to save money), red mite can sometimes survive the treatment and the survivors will become more difficult to kill with the same product. **CBM8 MV's** microencapsulation and prolonged active ingredient pay-out reduces the chances of any survivors.

This was illustrated in Germany when a few farms complained that a well-known Cypermethrin was not working. The product was resistance-tested at an institute and found to work perfectly. The problems were traced to under-dosing and poor application technique on the farms.



Directions for use

Spraying:

1. Terminal disinfection with Interkokask[®], or Interkokask[®] Concentrate will remove red mite adults and red mite eggs. There is no resistance build-up to these products!
DO NOT USE OTHER CLEANING OR DISINFECTION SUBSTANCES.
Let the buildings dry before applying CBM8 MV.
2. Remove as much dust as possible from surfaces before applying CBM8 MV.
Important note: If the stable has already been treated with silicates, we do not recommend reworking with CBM8 MV.
3. Shake the bottle well before use. Dilute CBM8 MV with warm clean water to prepare the ready-to-use solutions as shown below. Apply through clean spray equipment. (Once the solution has been made, it should be discarded after 2 days).
4. Cover any feeders and drinkers, troughs etc prior to administering CBM8 MV, do not use on milking equipment.
5. Assess the severity of the infestation and make up either a 2.0% or 1.5% solution of CBM8 MV depending upon the severity of the infestation.
6. **IN THE UK, ONLY EMPTY ANIMAL HOUSING SHOULD BE TREATED!**
7. Spray all the surfaces of the animal house. Pay special attention to cracks, crevices, dung channels, perches, nests, and the base of cages. CBM8 MV is best applied with a low pressure (approx. 2 bar)/knapsack sprayer; however other sprayers can also be used. Do not spray any commercial livestock or eggs.
8. In very heavy infestations a second treatment 5 - 7 days later (with 1.5% solution) may be necessary to prevent re-infestation from any newly hatched mite eggs.

Duration of activity: In order to gain maximum duration of activity, Hysolv Ltd recommends the use of 2% concentration for spraying.

Fogging:

During fogging (wherever possible):

1. Close doors and windows for approx. 1 hour and turn ventilation off.
2. Spread the fog evenly in the whole area of application. The treatment should take place when the target organisms are most active.
3. After fogging ventilate the rooms well for approx. 4 hours or use an air exhauster (1200 m³ / h). The spraying layer should be completely dry before entering the rooms.

	CBM8 [®] MV	Water	Dilution	Range
Heavy infestation	200 ml	10 litres	2.00%	200 - 500m ²
Maintenance treatment	150 ml	10 litres	1.50%	200 - 500m ²
Cold fogging	500 ml	25 litres	2.00%	2,500m ³
Hot fogging	500 ml	-	100%	2,500m ³

Special advice:

The product must not be used on animals. Spread the product where it is impossible for animals to lick it off. Remove eggs before treatment. Do not touch treated surfaces until they have completely dried off. Remove or cover openly stored food, feed, feeding troughs, drinkers, milking equipment and milking pipes as well as kitchenware.

Pack size
500ml

Use Biocides Safely

Always read the label and product information before use!