


SUMITOMO CHEMICAL

*NO HEAT is COOL!**

SumiOne[®] (Metofluthrin)



* "NO HEAT is COOL!", trademark application is pending.

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Environmental Health Division
Sumitomo Chemical Co., Ltd.
Japan



SumiOne®

- **Highly active insecticide for mosquito control**
- **Low dose choice for personal mosquito control**
- **NO HEAT is COOL!***

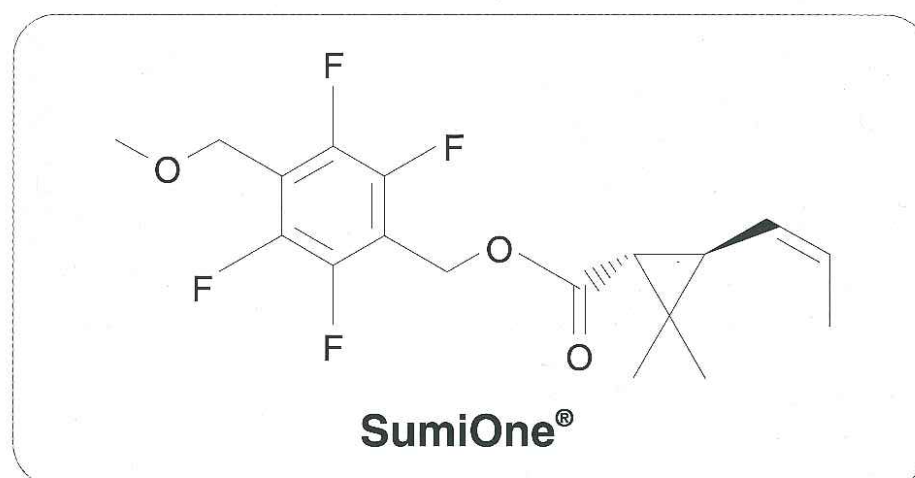


SumiOne® (common name: metofluthrin) is an exciting novel pyrethroid developed by Sumitomo Chemical, which has the following characteristics:

- Extremely high knockdown activity against various insects especially mosquitoes
- High volatility
- Low mammalian toxicity

Applicable to various new formulations & devices, such as paper emanators, fan driven devices, multi-night mats as well as conventional formulations such as mosquito coils, aerosols, liquid vaporizers, etc.

Structure of SumiOne®



Efficacy of SumiOne® in mosquito coil and paper emanators

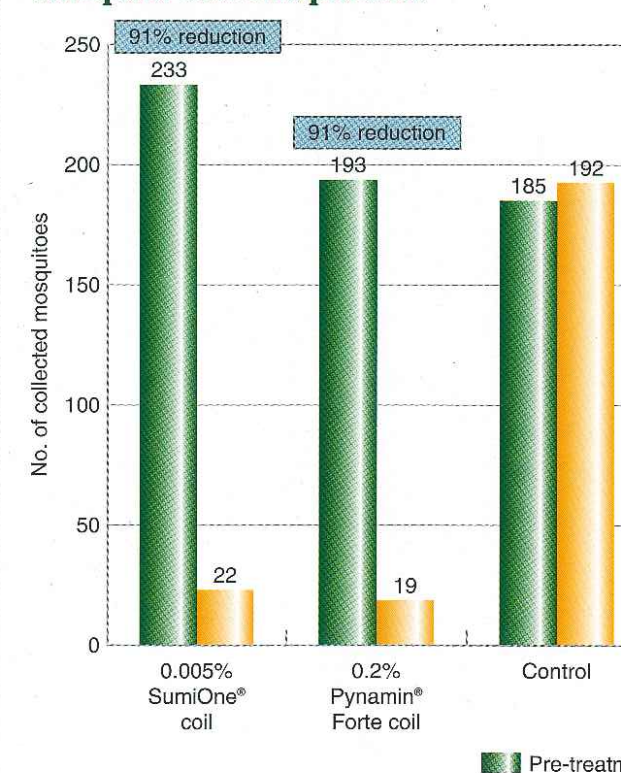
Method: Field test (conducted in Malaysia):

The percentage reduction in mosquito landings on volunteers compared to blank coils was calculated.

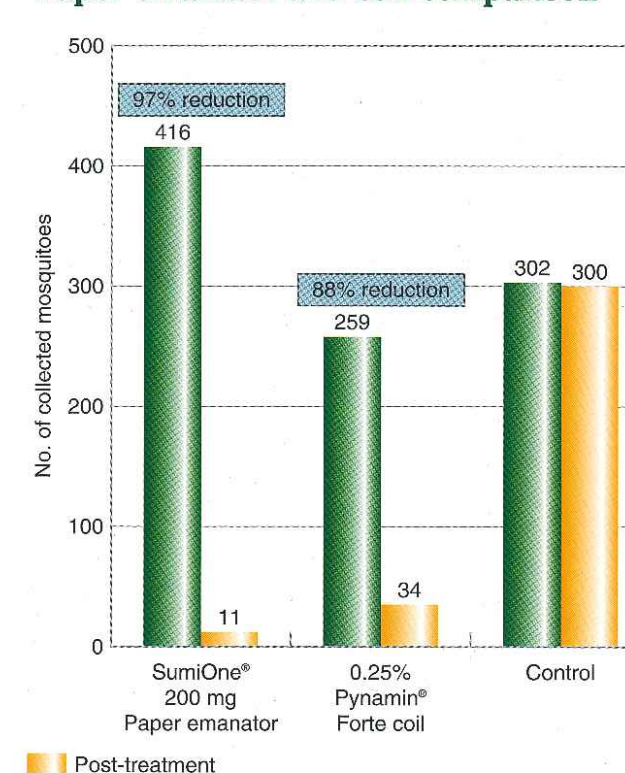
Dominant insect species: Southern house mosquito (*Culex quinquefasciatus*)

Results: SumiOne® was approximately 40 times more active than Pynamin® Forte (*d*-allethrin) when used in mosquito coils.

Mosquito coil comparison



Paper emanator and coil comparison



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