SUMITOMO CHEMICAL

Sumithrin® 10SEC



One Essential, Take Away the Pest Risk

Also known as PESGUARD 10ME in Malaysia

HACCP INTERNATIONAL FOOD SAFETY PROGRAMME CERTIFICATION

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Sumithrin® 10SEC

is an advanced micro-emulsion formulation and contains no solvent specially designed to pest control professional makes suitable for use in sensitive areas, including food handling facilities, commercial and residential building, warehouses and the tobacco industries.

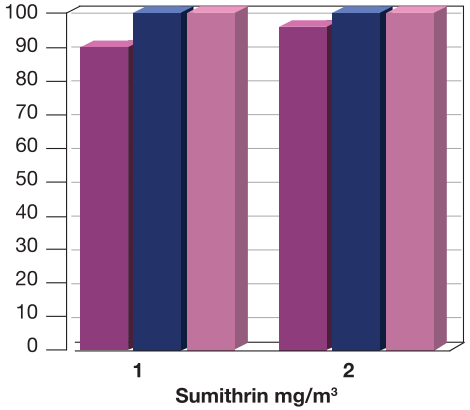
Containing Sumithrin 10.3% w/v as its active ingredient. The unique formulation suitable for water dilution, clean, odourless and short residual activity which can be applied through thermal fogging, ULV, misting or surface spray against crawling, flying insect pests and even pet borne pests and parasites.

Biological efficacy

Sumithrin® 10SEC provides excellent control of target pests.

Activity against flies (*Musca domestica*) & mosquitoes (*Culex* sp.) indoors

Takarazuka Research Centre, Sumitomo Chemical Co. Ltd., Takarazuka, Hyogo, Japan (normal dose recommendation for indoor applications is 1mg Sumithrin / m^3)

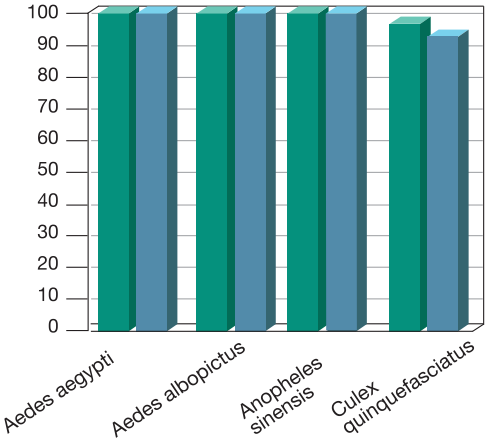


- Female Fly (*Musca domestica*)
- Female Mosquito (*Culex* sp.)
- Male Fly (*Musca domestica*)

Activity of Sumithrin in a micro-emulsion spray applied by ULV applications against *Aedes* sp. mosquitoes in outdoor field trials in Penang, Malaysia

Terraced house trial, Penang, Malaysia conducted by Vector Control Research Unit, Universiti Sains Malaysia.

Dilution 1 : 100 in water and application 10 – 13 L/ha



- % Knockdown after 60 mins
- % Kill after 24 hrs

Why Choose Sumithrin® 10SEC

- Water-based formulation
- Suitable for dilution in water
- HACCP certified. For use in food handling facilities as directed by product label.
  Do not spray to areas where food, utensils, or processing surfaces may become contaminated.
- Indoor and outdoor application
- Short residual life
- Effective against a wide range of pests, including bed bug, flea, mosquito, fly and stored product pests
- Can be applied via ULV, thermal fog, mist, and coarse surface spray
- Low environmental impact
- Non-flammable and odourless

Packaging size: 1 Litre

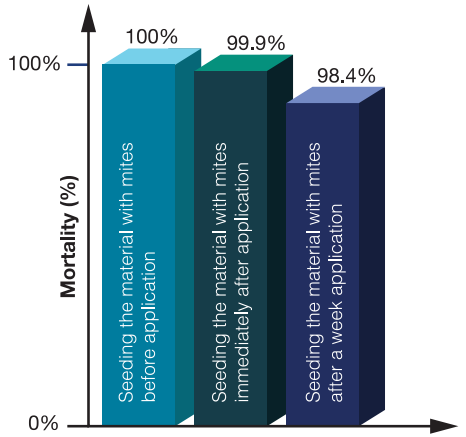
The successful control of a wide range on insect pests with Sumithrin applications is well documented (e.g. WHO/CDT/WHOPES/97.2):

Mosquito control
ULV
Sumithrin® (d-phenothrin) : 5.0 – 10.0 g/ha

Fly control
Surface treatments
Sumithrin® (d-phenothrin) : 2.5 g/m^2

ULV / thermal fog
Sumithrin® (d-phenothrin) : 6.25 g/ha

Others
Sumithrin® is listed as a chemical suitable for the control of **rodent fleas, *Pulex* sp. and common pet fleas** in formulations containing 0.2 – 0.4% w/v Sumithrin® (dilution of 10SEC at 1 : 50 – 1 : 25). Direct applications to humans (lice & fleas) and pets (fleas) in other formulation types are also listed.



Control of **dust mites** with applications of Sumithrin® to mattresses, carpets, curtains and other soft furnishings in a 0.4% spray (dilution of 10SEC at 1 : 25).

Regulatory and Technical Support

With a broad and extensive technical experience in the Environmental Health division, we offer the comprehensive product registration package as well as technical support with best use of innovative technologies and formulations to our growing client base from our regional laboratory in Seremban, Malaysia.

Please Read and Follow
Product Label Directions and Precautions Before Use.

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