SUMITOMO CHEMICAL

MIRAKN®



Revolutionary Desiccated CO_2 Technology





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MIRAKN®

is a unique formulation, based on mix of carbon dioxide (CO_2) with active ingredient and doesn't contain any solvent. Unlike conventional spraying technologies, it could disperse ultrafine particles which travel through the air to reach every corner in the premise and able to control a wide range of crawling and flying pest insects. Three products with different active ingredient are available for professional use to solve your pest problem.

	MIRAKN® GX	MIRAKN® PY	MIRAKN® S
Active ingredient	Cyphenothrin	Natural Pyrethrum	d- Phenothrin
Target Pest*	Cockroach, housefly, mosquito and stored product pests	Cockroach, housefly, mite, mosquito, and stored product pests	Cockroach, housefly, mite, mosquito, and stored product pests

*Please read and follow product label directions and precautions

Why choose MIRAKN® technology

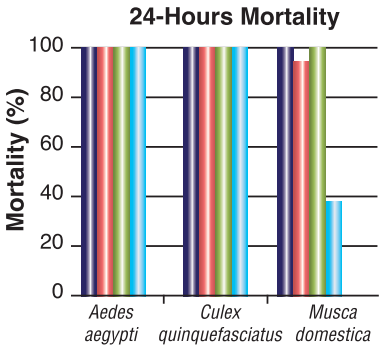
Effective against a wide range of crawling and flying pest insects.

- Suitable for indoor use.
  (food factories, hospitals, schools, hotels, warehouses, poultry farms etc)
- Short re-entry and minimize operation loss by treatment.
- Super dry treatment, leaves no wet residues.
- Non-flammable and odourless.
- No stain walls, machinery, carpet, furniture, etc.

With MIRAKN®, your pest management professional could determine the right perimeter treatment plan to get rid of unwanted pests even those live in hidden places. However, continued pest management may be necessary to keep the unwanted pests from re-infesting your premises.

Biological Efficacy

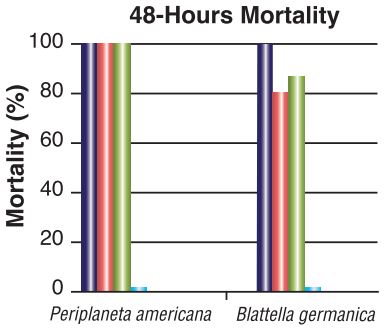
Efficacy Data In Comparison With Other EC Product In The Market



Efficacy Against Flying Insects

Method :
Large chamber

Insects:
Housefly *(Musca domestica)*
Mosquito *(Aedes aegypti, Culex quinquefasciatus)*

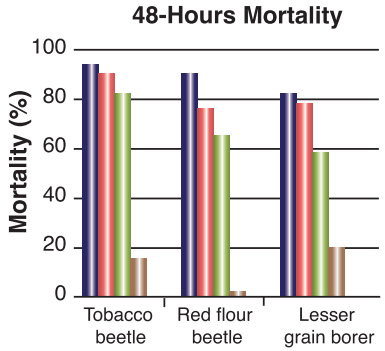


Efficacy Against Crawling Insects

Method :
Large chamber

Insects:
American Cockroach *(Periplaneta americana)*
German Cockroach *(Blattella germanica)*

Efficacy Data In Comparison With Other ME Product In The Market



Efficacy Against Stored Product Pests

Method :
Large chamber

Insects:
Tobacco Beetle *(lasioderma serricorne)*

Red Flour Beetle *(Tribolium castaneum)*

Lesser Grain Borer *(Rhyzopertha dominica)*





Safety and precautions

- Turn off the smoke detector
- Wear a mask and protective clothing
- Provide adequate ventilation after treatment
- Toxic to aquatic life

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https://sumitomo-chem.com.sg/agro-life-solutions/environmental-health/

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