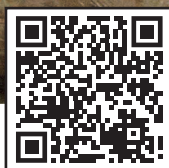


## Revolutionary Desiccated CO<sub>2</sub> Technology



# MIRAKN®

is a unique formulation, based on mix of carbon dioxide (CO<sub>2</sub>) 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

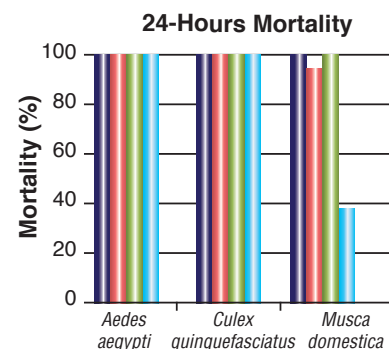
Effective against a wide range of crawling and flying pest insects.

- ◆ 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

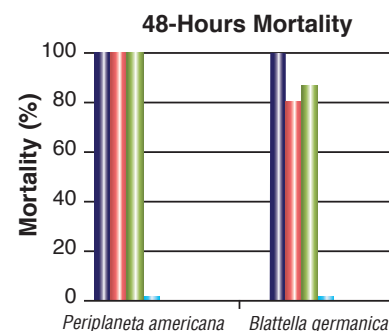
### Efficacy Data In Comparison With Other EC Product In The Market



#### Efficacy Against Flying Insects

**Method :**  
Large chamber

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

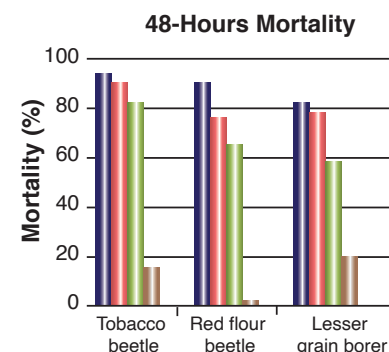


#### Efficacy Against Crawling Insects

**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*)

■ MIRAKN GX ■ MIRAKN PY ■ MIRAKN S ■ Other EC ■ Other ME



## Safety and precautions

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

### Contact Us For More Information

#### **Sumitomo Chemical Asia Pte Ltd**

3 Fraser Street, #07-28 DUO Tower  
Singapore 189352  
Tel : (65) 6303 5188  
Fax : (65) 6298 9621

#### **Sumitomo Chemical Philippines Inc**

18<sup>th</sup> Floor, Philam Life Tower  
8767 Paseo De Roxas  
Makati City, Metro Manila  
1226 Philippines  
Tel : (632) 885 0671 80  
Fax : (632) 885 0630 32

#### **Sumitomo Chemical (Thailand) Co. Ltd**

Level 35, Unit 3505, Exchange Tower  
388 Sukhumvit Road  
Klongtoey, Bangkok 10110  
Thailand  
Tel : (66) 2663 4337  
Fax : (66) 2663 4336

#### **Sumitomo Chemical Enviro-Agro Asia Pacific Sdn Bhd**

Lot 62A, Persiaran Bunga Tanjung 1  
Senawang Industrial Park  
70400 Seremban, Negeri Sembilan  
Malaysia  
Tel : (606) 679 3711  
Fax : (606) 679 3698

#### **Sumitomo Chemical Vietnam Co., Ltd**

Floor 5, 40 Pham Ngoc Thach Street, Ward 6  
District 3, Ho Chi Minh City  
Vietnam  
Tel : (028) 3822 0127, (028) 3822 0129  
Fax : (028) 3822 0131



<https://www.sumitomo-chem-envirohealth.com>

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