

 SUMITOMO CHEMICAL

**Gokilaht<sup>®</sup>-S**  
**5EC**



**New Generation of**  
**High Performance Pest Control**



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## Gokilaht®-S 5EC

is an emulsifiable concentrate formulation, contains Gokilaht®-S (d,d, trans-cyphenothrin) as an active ingredient for dilution in oil or water. The product formulated for maximum knockdown, excellent flushing, and kills a wide variety of insect pests including ant, cockroach, fly, mosquito and flea.

### Why Choose Gokilaht®-S 5EC

- Prequalified by World Health Organisation (WHO)
- High killing effect
- Fast knockdown with residual control
- Control broad spectrum of crawling and flying insect pests
- Low mammalian toxicity
- Effective for ULV, thermal fogging and standard sprayer application

Packaging size: 1 Litre

#### Biological efficacy

Efficacy data in comparison with Permethrin 5EC

#### Efficacy against flying insects

##### Methods:

Glass chamber method

##### Insects:

House fly (*Musca domestica*, CSMA strain) & Mosquito (*Culex pipiens pallens*)

**Dosage: 2.1ml/chamber**

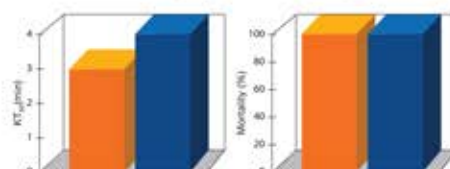
**Gokilaht®-S 5EC**

200 times dilution (0.025% as A.I.)

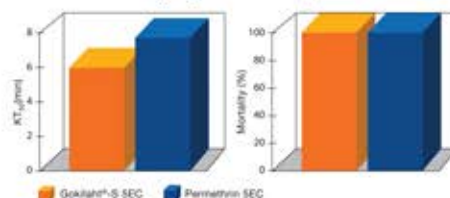
**Permethrin 5EC**

50 times dilution (0.1% as A.I.)

#### Efficacy against House Fly



#### Efficacy against Mosquitoes



#### Efficacy against crawling insects

##### (1) Direct spray efficacy

##### Methods:

CSMA direct spray method

##### Insects:

German cockroach (*Blattella germanica*) & American cockroach (*Periplaneta americana*)

**Dosage: 1.5ml/chamber**

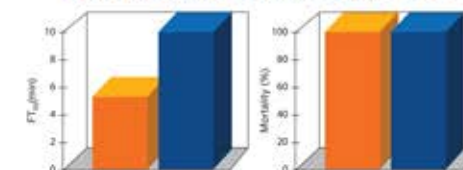
**Gokilaht®-S 5EC**

100 times dilution (0.05% as A.I.)

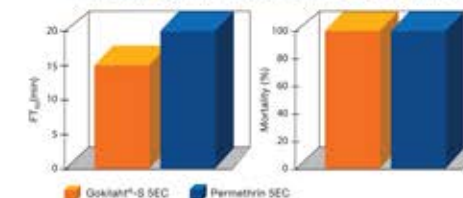
**Permethrin 5EC**

25 times dilution (0.25% as A.I.)

#### Efficacy against German Cockroaches



#### Efficacy against American Cockroaches



##### (2) Flushing-out efficacy

##### Methods:

Flushing-out test method

##### Insects:

German cockroach (*Blattella germanica*) & American cockroach (*Periplaneta americana*)

**Dosage: 4.2ml/glass chamber**

against German cockroaches

**8.4ml/glass chamber**

against American cockroaches

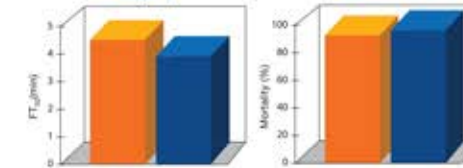
**Gokilaht®-S 5EC**

100 times dilution (0.05% as A.I.)

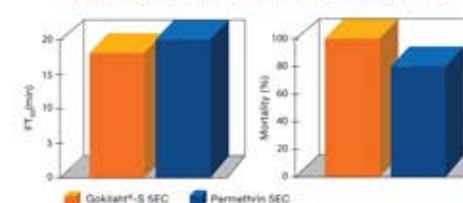
**Permethrin 5EC**

25 times dilution (0.25% as A.I.)

#### Efficacy against German Cockroaches



#### Efficacy against American Cockroaches



##### (3) Residual efficacy

##### Methods:

Residual contact method on overlaid plywood panel

##### Insects:

German cockroach (*Blattella germanica*) & American cockroach (*Periplaneta americana*)

**Dosage: 50ml/m<sup>2</sup>**

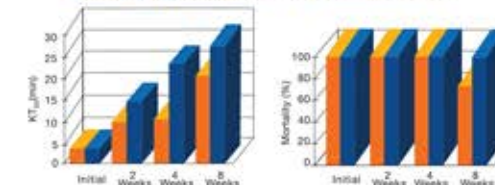
**Gokilaht®-S 5EC**

50 times dilution (0.1% as A.I.)

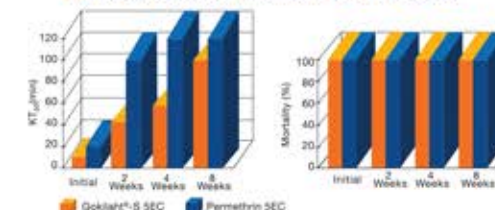
**Permethrin 5EC**

12.5 times dilution (0.4% as A.I.)

#### Efficacy against German Cockroaches



#### Efficacy against American Cockroaches







## 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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