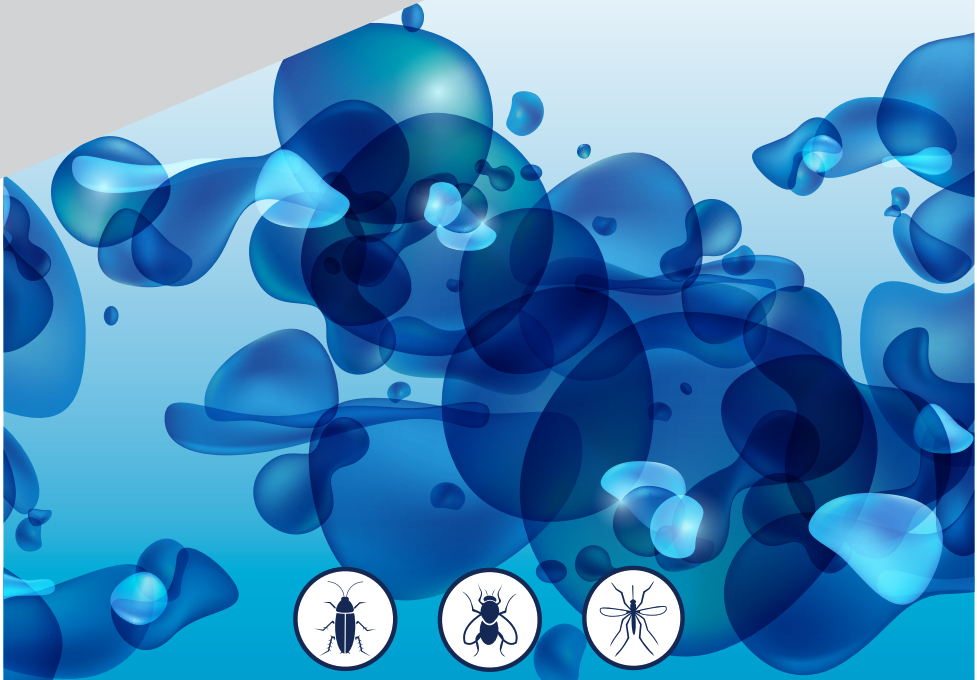
SUMITOMO CHEMICAL

Gokilaht®-S 5EC



New Generation of High Performance Pest Control

SUMITOMO CHEMICAL

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

- 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.

*Gokilaht-S 5EC had been listed as an approved product by WHOPES as well as WHO Prequalification since 2004. As of 18 June 2024, it has been voluntarily withdrawn from WHO Prequalification by Sumitomo Chemical.

Packaging size: 1 Litre

Biological efficacy
Efficacy data in comparison with Permethrin 5EC

Efficacy against flying insects

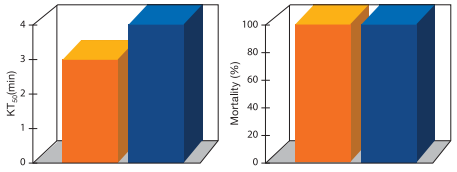
Methods:
Glass chamber method

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

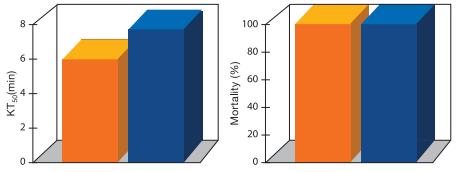
Dosage: 2.1ml/chamber
Gokilaht®-S 5EC
200 times dilution (0.025% as A.I.)

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

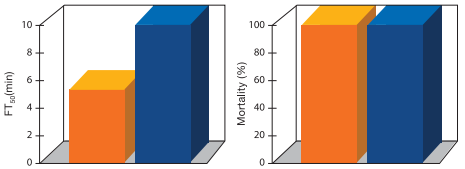
Methods:
CSMA direct spray method

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

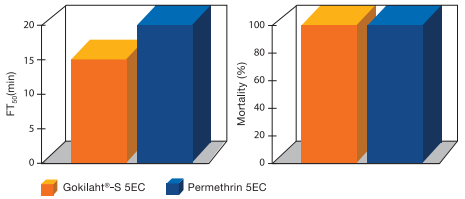
Dosage: 1.5ml/chamber
Gokilaht®-S 5EC
100 times dilution (0.05% as A.I.)

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)*

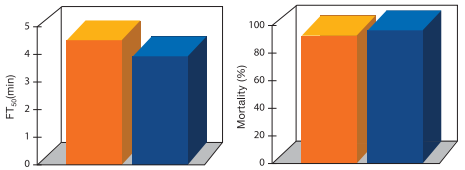
Dosage: 4.2ml/glass chamber
against German cockroaches

8.4ml/glass chamber
against American cockroaches

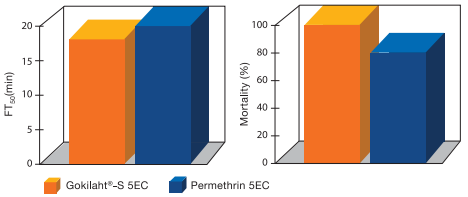
Gokilaht®-S 5EC
100 times dilution (0.05% as A.I)

Permethrin 5EC
25 times dilution (0.25% as A.I)

Efficacy against German Cockroaches



Efficacy against American Cockroaches



(3) Residual efficacy

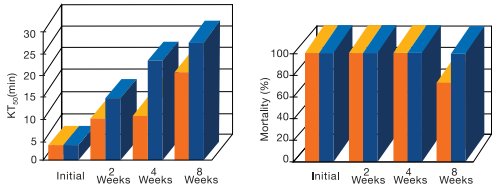
Methods:
Residual contact method on overlaid plywood panel

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

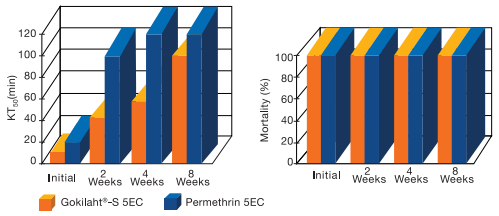
Dosage: 50ml/m²
Gokilaht®-S 5EC
50 times dilution (0.1% as A.I.)

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

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