

VERSATILE CONTROL OF PUBLIC HEALTH PESTS



 **Actellic[®]50EC**
Insecticide

syngenta[®]

SYNGENTA AND MALARIA

Syngenta's corporate goals include those dedicated to the improvement of health and quality of life.

We believe that people around the world deserve to live their lives uninterrupted by malaria.

ACTELIC® 50EC

Actellic® 50EC is a highly versatile product that can be used in indoor residual spraying (IRS), space spraying, and larviciding to control a wide range of public health pests. It is also effective on those insects resistant to pyrethroid, organochlorine and some other organophosphates e.g. malathion.

Actellic 50EC controls a wide range of public health pests.

Mosquitoes

Anopheles spp
Aedes spp
Culex spp

Flies

Musca domestica, Calliphoridae,
Lucilia cuprina, *Coelopa frigida*

Cockroaches

Blatta orientalis,
Blattella germanica

Bed Bugs

Cimex spp

Reduviid bugs

Triatoma infestans

Ants

Lasius niger

Wasps

Vespula vulgaris, *Vespa crabro*



Anopheles spp



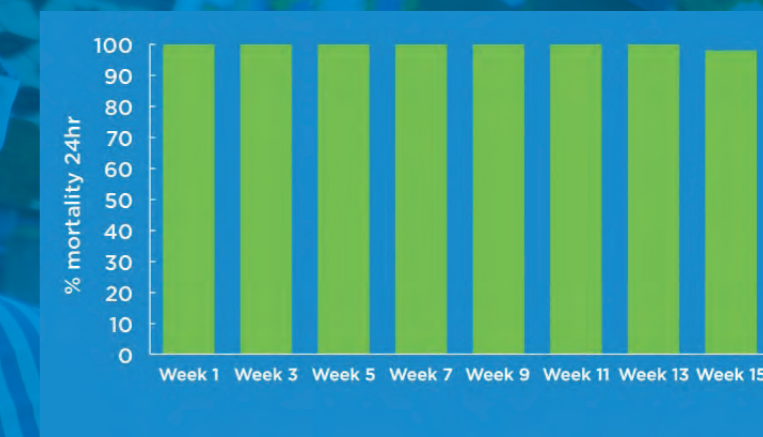
Aedes spp

Control of pyrethroid resistant *Anopheles gambiae* with Actellic 50EC

Insecticide resistance in the main malaria vectors in Africa is a major concern for vector control program managers.

Fuseini *et al* (2011) evaluated Actellic 50EC as a residual treatment on painted cement surfaces and demonstrated at least 15 weeks control of *Anopheles gambiae* resistant to pyrethroids, organochlorines, and carbamates.

Control of resistant *Anopheles gambiae* with Actellic 50EC



Safety profile

Actellic 50EC has an excellent human and environmental safety profile.

Actellic 50EC presents no significant risk to spray operators, householders or the environment when used as directed.

Acute Oral Median Lethal Dose, Rat (mg/kg)	1500 - 1800	Low toxicity
Acute Dermal Median Lethal Dose, Rat (mg/kg)	>2000	Low toxicity
Eye Irritation, Rabbit	Moderate	No concern
Skin Irritation, Rabbit	Slight	No concern

Versatile

- ▶ Highly flexible tool for vector control as a residual treatment, space spray, or larvicide.
- ▶ Controls a wide range of disease-carrying and nuisance pests including mosquitoes, ants, wasps, flies, cockroaches, fleas and other crawling insects.
- ▶ Effective against insects that are resistant to other organophosphate, pyrethroid, carbamate, and biological insecticides.

Discover more on:
www.syngentavectorcontrol.com

FOR LIFE UNINTERRUPTED™



USE INSECTICIDES SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE. ACTELLIC® is a trademark of a Syngenta Group Company.
© Syngenta Crop Protection AG, Basel, Switzerland. All rights reserved. SEPTEMBER 2013. Web: www.syngentavectorcontrol.com Email: vector.control@syngenta.com

Important: Always read and follow label instructions before buying or using these products. Syngenta and its affiliates warrant that their products conform to the chemical description set forth on the products' labels. NO OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY TO SYNGENTA PRODUCTS. Syngenta and its affiliates neither assume nor authorize any representative or other person to assume for them any obligation or liability other than such as is expressly set forth herein. UNDER NO CIRCUMSTANCES SHALL SYNGENTA AND ITS AFFILIATES BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THEIR PRODUCTS. No statements or recommendations contained herein are to be construed as inducements to infringe any relevant patent now or hereafter in existence. ©2019 Syngenta. Syngenta Crop Protection AG, Basel, Switzerland