AQUAMOSTM is an insecticide belonging to pyrethroid group with contact and stomach action. The product is suitable for dilution with <u>WATER ONLY</u>.

DIRECTION OF USE:

PLACES	PESTS	APPLICATION TECHNIQUE		RATE	
				DILUTION RATE	SPRAY VOLUME
Public Health, Domestic Areas	Mosquitoes	Thermal fogging with low output machines	Indoor	20 ml / litre water (1:50)	50 ml / 100 m ³
			Outdoor		5 litre / ha
		Ultra Low Volume (ULV)	Indoor	100 ml / litre water (1:10)	50 ml / 1000 m ³
			Outdoor		500 ml / ha





An advanced water based insecticide for mosquitoes control

Registered by :





MOSQUITO

There are thousands of mosquito species worldwide. Adult female mosquitoes are harmful as they feed on blood of living vertebrates including humans, and some even transmit severe infectious human and livestock diseases such as dengue, malaria, yellow fever and Japanese encephalitis. Male mosquitoes consume plant juices as their daily food source while adult females consume blood for egg development.

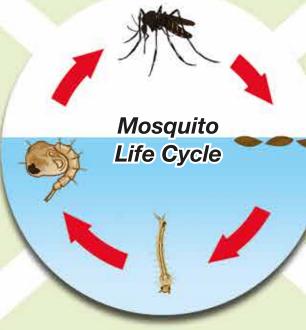
A MOSQUITO'S LIFE CYCLE

Adul

The life span of the adult mosquito varies among species and depends on several other factors such as temperatures, humidity, sex of the mosquito and time of year. Most males live about a week, relatively shorter than females who live about 2 weeks.

Pupa

A pupa shapes like a comma. It is a non-feeding and resting stage where it develops into an adult within 2 days. A fully developed adult mosquito splits the pupal skin and emerges.



Egg

A mosquito can lay 100-200 eggs in water throughout its adult stage. Depending on the mosquito species, some eggs float on water in rafts, while others are laid singly. The eggs hatch into larvae within 48 hours.

Larva

A mosquito larva lives in water and feeds on organic matter and microorganisms in water. Most larvae come with siphon tubes for breathing and attachment to the water surface. A larva sheds its skin (moulting) four times as it grows larger after each moulting. A larva develops into a pupa after the fourth moult.

Source: IMASPRO & Institute for Medical Research (IMR), Malaysia.

Using **AQUAMOS**TM as space spray creates a insecticide blanket to cover mosquito reside areas for control of adult mosquitoes populations. **AQUAMOS**TM application in dawn and evening period of time when mosquitoes are actively feeding brings better results.

AQUAMOSTM

An advanced water based EW (Emulsion, oil in water) formulated product with the incorporation of biodegradable solvent & emulsifier derived from palm oil. This bio-palm based formulation technology makes **AQUAMOS**™ an effective space spray and residue spray insecticide for indoors and outdoors.



FEATURES

SYNERGETIC FORMULATION

Consist of 3 active ingredients:

Permethrin: Pyrethroid with contact and stomach

action, and repelling effect.

S-bioallethrin : Pyrethroid with rapid knockdown effect.

Piperonyl butoxide : Synergist for pyrethroids.

WATER BASED PRODUCT

Compared to conventionally oil-based formulation, water is the main inert ingredient (> 55%) in **AQUAMOS**TM, as it is a natural and efficient solvent and carrier. The product also comes with special features of non-flammable liquid (flash point > 100° C) and reduces irritation.

BIO-PALM INERTS

Instead of petroleum derived inert, the emulsifier and solvent incorporated into the formulation are palm oil derived. These bio-palm based emulsifier and solvent are biodegradable.

BENEFITS

- ✓ Suitable for space spray and residue spray.
- ✓ Suitable for indoor and outdoor applications.
- ✓ Recommended for Ultra Low Volume (ULV) Spray and Thermal Fogging Application.
- Only water is added as diluents which does not contaminate the environment and does not irritate the operators and the publics.
- ✓ Leaves no stain after spraying.