

## KEEP OUT OF REACH OF CHILDREN

**HELIOS EC** is an insecticide recommended for space spray application with handheld, backpack, portable & truck mounted Ultra Low Volume Application (ULV) sprayers and portable and vehicle mounted thermal fogger to control adult mosquitoes Aedes spp. and Culex spp. (transmitters of dengue fever and Zika virus).

**HELIOS EC** is used for indoor and outdoor area treatment in urban zones without exceeding 7.5 gAI/ha for outdoor uses and 0.394 g AI/1000 m<sup>3</sup> for indoor uses.

Do not make more than 24 applications per site per year with an interval of 1 week. More frequent applications and more than 24 applications per site may be made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control authority on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

**HELIOS EC** must be mixed with water only and sprayed using appropriate equipment for hot and cold fogging.

**SHAKE OR AGITATE THOROUGHLY BEFORE USE:** Product (either diluted or undiluted) must be thoroughly agitated before use. Prepare only the amount of product required for immediate usage.

Do not store diluted material. Avoid prolonged storage of excess formulation in application equipment. The desired application rate may be obtained under different conditions by altering the dilution rate of this product, the flow rate of the insecticide from the application equipment and, when mounted on vehicle, the vehicle speed.

### KEY FEATURES:

- ✓ The two unrelated modes of action aid in the control of pyrethroid resistant mosquitoes and help to slowdown the development of resistance.
- ✓ Broad spectrum versus nuisance and vector transmitted disease mosquitoes. Originally designed against arbovirus transmitting and nuisance mosquitoes like Aedes spp. and Culex spp. but also controls other species like Anopheles spp.
- ✓ Proven results and high mortality rates in susceptible and pyrethroid resistant strains in field trials performed in various sites under different conditions.
- ✓ New formulation that allows thermal-fogging with no odors, staining or nuisance to residents and an easily visible but non-irritant cloud.
- ✓ Cost effective, requires only a minimum quantity of product to obtain great results: only 7.5 g AI/ha for outdoor uses and 0.4 g/1000 m<sup>3</sup> for indoor uses.
- ✓ Easy to handle and mix.
- ✓ Flexible product which can be applied by ULV, cold and hot fogging, outdoor and indoor uses

### RATE OF USE:

Site	Insects	Treatment	Dilution	Application rate
Outdoor	Mosquitoes	ULV (Ultra Low Volume Application)	1:100 of water or kerosene or diesel	95 mL/1000m <sup>2</sup>
		Thermal fogging	1:500 of Water or kerosene or diesel	475 mL/1000 m <sup>2</sup>
Indoor	Mosquitoes	ULV (Ultra Low Volume Application)	1:100 to 1:200 or kerosene or diesel	
		Thermal fogging	1:100 to 1:200 or kerosene or diesel	500 to 1000 mL/1000 m <sup>3</sup>

Caution



## Read the entire Directions for Safety Use

**Disposal:** Dispose off by triple rinsing and crushing or perforating empty containers and dispose them in accordance with the National Regulations and Legislation on disposal. Do not re-use empty containers for any other purpose.

**Warranty:** The manufacturer guarantees the pesticide in its original containers under appropriate storage conditions for a period of 24 months from production date as a maximum, and the company does not bear responsibility for any damages resulting from misapplication or use.

### Precautions:

- Avoid contact with skin and eyes. DO NOT eat or smoke when applying this chemical.
- HELIOS EC is dangerous to fish and other aquatic organisms. Toxic to Bees.
- DO NOT contaminate ponds, water ways or ditches with the product or used containers.
- DO NOT apply when bees are actively foraging.

### First aid:

**Skin or Clothing Contact:** Remove all contaminated clothes and shoes. Wash off immediately with soap and plenty of water (15-20 minutes). Get medical attention immediately.

**Eye Contact:** Flush eyes with tap water for at least 15 minutes. Consult an ophthalmologist. **If Inhaled:** Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Treat symptomatically and supportive. Get medical attention immediately.

**If Ingestion:** Drink 1 or 2 glasses of water. DO NOT induce vomiting or give anything by mouth to unconscious person. Consult a physician Toxicological Information: It is moderately hazardous, dermal contact may cause allergic sensitization, eye contact may cause irritation.

**Notice To Doctor:** Symptoms of Poisoning: Nervousness, anxiety, convulsions, allergic manifestations.

**Antidote:** No known antidote. Treatment: Treat symptomatically

### In case of fire:

- Activate fire systems and notify the competent authorities
- Remove the source of ignition.
- Contain the fire as much as possible and do not risk extinguishing the fire
- After extinguishing, treat the leak.

Batch No.:

Manf. Date:

Exp. Date:

