

Description

ICON® 5EC is a broad-spectrum insecticide with contact, residual and stomach action for use in vector control space spray programs and general pest control. It has been successfully evaluated by the World Health Organisation Pesticide Evaluation Scheme (WHOPES) as a space spray.

ICON® 5EC is highly active against mosquitoes responsible for the transmission of malaria and other important diseases. Very low doses provide rapid mosquito knockdown and kill. **ICON® 5EC** even works on mosquitoes which have developed resistance to other non-pyrethroid insecticides, e.g. DDT, BHC, malathion etc.

ICON® 5EC is also highly effective against other commonly found public health pests such as bed bugs, reduviid bugs, ticks, cockroaches, houseflies and fleas.

Product Chemistry

Active ingredient :	Lambda cyhalothrin
Composition :	50 g per litre
Product family :	Synthetic Pyrethroid
Formulation :	Emulsifiable Concentrate
W.H.O. Class :	II
Toxicity (LD ₅₀ rat):	Oral 668 mg/kg, Dermal > 4000 mg/kg

Mode of action

The active ingredient in **ICON® 5EC**, lambda-cyhalothrin, is a second generation synthetic pyrethroid active at exceptionally low rates with extended residual action against a broad spectrum of insects, including those important as vectors of disease.

Lambda-cyhalothrin rapidly penetrates the insect cuticle and disrupts nerve conduction by delaying the closure of the sodium channels on nerve axons. This initiates repetitive firing and causes loss of muscular control resulting in quick insect knockdown. Disorientation and cessation of feeding activity occur within minutes followed by paralysis and death.

Directions for use

Treatment	Diluent	Application Rate	Application volume
SPACE THERMAL FOG			
Hand-held	Water*, kerosene or diesel oil	40 ml/ ha	2 l/ha
Vehicle-mounted		40 ml/ ha	5 l/ha
SPACE COLD FOG			
Aerosol ULV	Water*, kerosene or diesel oil	20 - 40 ml/ ha	0.5 l/ha
Hand-held or vehicle-mounted			
*When water is used as diluent, the addition of 7 to 20% glycols (example: propylene glycol) and/ or glycerine improves fog stability and visibility. Contact Blvchem Limited for more details.			

User's risk

The user bears the risk for damage resulting from factors beyond the manufacturer's control. All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the manufacturer cannot control the application, use, storage or processing of the product, the manufacturer cannot accept responsibility therefore.

Manufactured by :

Imported & Distributed by :




BLYCHEM
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Note : For detailed information, refer to product label and MSDS.

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