

## TECHNICAL DATA SHEET

# AEROSAFE®

## Aerosol Aircraft Insecticide for Cabin Spraying

**Code 4520**

### DESCRIPTION

Callington Aerosafe® Aircraft Insecticide is a non-flammable aerosol insecticide for use inside the cabin of aircraft, after passengers' embarkation but before the aircraft is pushed back for departure and on-arrival. The purpose of Aerosafe® (and aircraft disinsection procedures in general) is to help prevent the spread of mosquito borne diseases, such as Dengue Fever, Yellow Fever, Malaria, Chikungunya and Zika. It is also used to reduce the risk to agricultural industries and the environment against exotic pests.

Aircraft approved Aerosafe® effectively kills mosquitoes and other flying and crawling insects. It is to be carried out inside the cabin for 'Pre-departure' or 'On-arrival' spraying methods in accordance with respective national Quarantine regulations.

Callington Aerosafe® Aircraft Insecticide contains a non-flammable propellant and the World Health Organisation recommended active substance of 2% w/w d-phenothrin.

### APPROVALS

Callington Aerosafe® Aircraft Insecticide complies with the World Health Organisation specifications for aircraft insecticides and has the following approvals:

- Boeing D6-7127 and AMS 1450A
- Australian Department of Agriculture and Water Resources (DAWR)
- New Zealand Ministry of Agriculture & Fisheries (MPI)
- Callington is an ISO 9001:2015 quality accredited company.



### APPLICATION

Aerosafe® spraying method is to be carried out with passengers on board, after passenger embarkation but before the overhead lockers are closed and the aircraft is pushed back for departure or on-arrival for aircrafts that were not disinfected before arrival or not disinfected correctly or as required as an additional treatment.

### TREATMENT PROCEDURE PRE-DEPARTURE

- The treatment is done after passengers have boarded and are seated and all service doors are closed.
- Before commencing treatment, all overhead and sidewall lockers must be opened.
- During disinsection and for 5 min after completion of spraying, the aircraft's air-conditioning must be switched off or set to normal flow (not high flow) and the recirculation fans must be on. Hold one can of Aerosafe®, start spraying from the back of the aircraft moving forward, keeping a steady walking pace at a rate of not more than one step or one row of seats per second.
- Can(s) should be directed away from passengers and towards the ceiling and opened overhead lockers.

## TECHNICAL DATA SHEET

- When one side of the aircraft is complete, switch aisles, spraying all the way until you reach the rear of the aircraft.
- Spray all galleys, including those on lower levels, and the lift access. Spray all toilets and coat lockers for 2s each. Ensure that the toilet seats and baby changing tables are up and are not sprayed. Spray all crew rest areas, avoiding the bedding, and the flight deck and cockpit for 3s each. Direct the spray away from aircraft equipment, officers and crew.
- Do NOT spray directly on exposed food, food preparation areas or food utensils.
- Spraying of cabins shall be carried out at a standard spray rate of 1g per second and based on a required coverage rate of 35g/100m<sup>3</sup>.

### TREATMENT PROCEDURE ON-ARRIVAL

- Cabin crew should prepare the cabin for disinsection by opening all overhead lockers and requesting all passengers to remain seated.
- During disinsection and for 5 min after completion of spraying, the aircraft's air-conditioning must be switched off. Recirculation fans may be left on if they are essential for operation of the aircraft but should be set at the lowest flow rate.
- Follow the same procedure as Pre-departure spraying.

### REQUIREMENTS

For the recommended quantities of aerosol cans per aircraft model, please download the Callington Spray Rate App either on the iOS or Google Play stores.

### VERIFICATION

The applicator is responsible for ensuring that a certificate detailing the treatment is completed. For compliance purposes, the applicator must record the product serial number, located on the underside of the can. The certificate for top of descent cabin disinsection and the exhausted or partly exhausted cans must be carried onboard the aircraft and made available to an officer/inspector on request upon arrival.

### PHYSICAL PROPERTIES

Active Ingredient: d-phenothrin  
Discharge Rate: 1.0 ± 0.2 g/s  
Application Rate: 35g/100m<sup>3</sup>

### ORDERING INFORMATION

Code	Size	Units Per Carton	Weight / Carton (kg)	Carton Dimensions (cm)	Cartons per layer	No. of Layers	Pallet Configurations		
							Dimensions (cm)	Height (cm)	Weight (kg)
4520/40/1	40g	48	3	14.5x21.5x20	26	8	90 x 110	175	622
4520/70/1/SA	70g	100	9.7	36x36x14	6	9	90 x 100	140	524

*\*This product requires a special order as it is not stocked.*

**WARRANTY** – All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.

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