

TECHNICAL DATA SHEET**Aerosafe®****Code 4520****Aerosol Aircraft Insecticide for Cabin Spraying****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 mosquitos 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 Organization recommended active substance of 2% w/w d-phenothrin.

*For a complete video training guide on how to apply Callington Aerosafe please visit <https://www.callingtonhaven.com/videos/php>

**APPROVALS**

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

- AMS 1450B
- BSS 7434
- Douglas CSD No. 1 Type 1
- Australian Department of Agriculture and Water Resources (DAWR)
- New Zealand Ministry of Agriculture & Fisheries (MPI)

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. Spraying can also be carried out on-arrival for aircrafts that were not disinsected before arrival or not disinsected correctly or as required as an additional treatment.

TREATMENT PROCEDURE PRE-DEPARTURE

- The treatment is done after passengers have boarded and been seated and all service doors are closed.
- Before commencing treatment, all overhead and sidewall lockers must be opened.
- During disinsection and for 5 minutes 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.

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- Hold one can of Callington 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 kept at arm's length and directed away from passengers and towards the ceiling and overhead lockers.
- 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 2 seconds 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 3 seconds 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/100m³.

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 minutes 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.

SPECIFICATIONS

- Active Ingredient: d-Phenothrin at 2% w/w
- Propellant: HFC134a
- Discharge rate: 1.0 ± 0.2 g/s
- Application Rate: 35g/100m³

ORDERING INFORMATION

Code	Product Description	Packaging	Units / Case	Cases / Pallet	Units / Pallet
4520/40/US	Callington Aerosafe® Aircraft Insecticide - d-Phenothrin (multi shot)	40g	48	208	9,984
4520/40/1/US	Callington Aerosafe® Aircraft Insecticide - d-Phenothrin (single shot)	40g	48	208	9,984

REQUIREMENTS & VERIFICATION

For the recommended quantities of aerosol cans per aircraft model, please contact your Callington Sales Manager. 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

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on the underside of the can. The certificate for the 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.

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. Created 12 April 2019 Date Printed 3/07/2025 11:08 PM